

DOMINION OF CANADA

REPORTS, RETURNS AND STATISTICS

OF THE

WEIGHTS AND MEASURES, ELECTRICITY AND GAS
BRANCHES

OF THE

DEPARTMENT OF TRADE AND COMMERCE

FOR THE YEAR ENDED MARCH

1919

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[No. 10e—1920.]

REPORT

OF THE

Inspection of Weights and Measures, Electricity and Gas

To the Right Honourable

The Minister of Trade and Commerce.

SIR,—I have the honour to submit the annual report on the Inspection of Weights and Measures, Electricity and Gas; also statements in connection therewith for the fiscal year ended March 31, 1919.

F. C. T. O'HARA,

Deputy Minister.

THE DEPARTMENT OF TRADE AND COMMERCE,
OTTAWA, September 15, 1919.

Mr. E. O. Way, Chief Inspector of Weights and Measures, reports as follows:—

Owing to its close association with industry and commerce, the Weights and Measures Inspection Service has felt and shows the effects of the war, particularly for the strenuous period of the last year covered by this report. Many business places have been closed, and the output of home scale manufacture, as well as importations of the same, had fallen off considerably, thus reducing the amount of fees collected. At the same time, notwithstanding numerous increases in salary and the increasing cost of travelling, hotel expenses, cartage and freight on standards, etc., the normal expenses of the service show an actual reduction of \$7,001.39 over last year. A contributing factor to this satisfactory showing has been the elimination of several superfluous officers and part-time men, which has resulted in some economy and greater efficiency in every sense of the word. The revenue collected for the year amounts to \$136,497.80 as against \$141,389.40 collected last year, showing a decrease of \$4,891.60.

The total expenditures amount to \$229,885.89 as against \$211,060.39 last year, showing an increase of \$18,825.50, but this total includes the special war bonuses to the sum of \$25,826.89. Deducting this sum, the normal expenditure amounts to \$204,059, which is \$7,001.39 less than last year.

Appendix A gives a summary statement of the receipts and expenditures by divisions.

Gradually is this Weights and Measures Inspection Service coming into its own. Gradually are the public and the merchants beginning to realize the importance and significance of accurate scales and measures, inasmuch as the one purchase all their needs by weight and measure, whilst the success or failure of the other is in the "balance" of his scales. Weights and measures are the counterpart of the currency. Both must be fine and true. Just as neither purchaser nor seller will short change one or two cents, so is it become

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equally important that neither give nor receive short weight or measure—for one-half ounce of butter at 60 cents per pound is the equivalent of 2 cents. This phase of weights and measures—the short-weight question—with current high prices and the enormous development of package goods, has almost superseded in importance the actual inspection and accuracy of the mechanical appliances used in trade, for incorrect or dishonest weight can be given even over a correct and duly inspected scale.

In this connection the year 1918-19 has been a notable one for the Weights and Measures Service of Canada. First by its transfer by Order in Council (June 3, 1918) from the Department of Inland Revenue to the Department of Trade and Commerce, where it more properly belongs, and secondly by the enactment of an amendment to the Weights and Measures Act last session, making the giving of short weight, measure, or count a statutory offence, and liable to a penalty of \$25 for the first offence and to \$100 for the second offence. This completes an inspector's authority because he can now see that the scales and measures, etc., used in trade are correct and just, and also that they are used correctly and correct weight given. Lacking the above statutory power, short weight could only be dealt with under the common law or Criminal Code, an indirect and most unsatisfactory proceeding.

Another important amendment requires all weights and measures to be inspected once a year instead of every two years, and establishes the principle of examination for officers before appointment.

The transfer of this service to Trade and Commerce has the material advantage of throwing the Inspection and Sale Act and the Weights and Measures Act, which are to a great extent complementary, into close association and under the direction of one department. The former Act establishes standards of weight and measure for staple commodities, and also deals with package goods and their net-weight marking. The field inspectors of weights and measures on their scale inspection itineraries, are therefore available to see that the packers, etc., are packing correct weight, and have taken up this work with marked success—for a good deal of short weight, and some overages have been found and reported to the principals. These activities will quickly put a stop to carelessness in the commercial weighing departments to the material benefit of the public, for trifling shortages amount to a very great deal in the aggregate, and have the direct result of increasing prices. For example, one-half ounce short on butter at 60 cents per pound raises the price to 62 cents—the shortage of one-quarter ounce on 1 pound of sugar means a loss to the public of 15,625 pounds on one million pounds, or at 12 cents per pound the loss of \$1,875.

The following is a summary of the machines, etc., inspected during the year, of which detailed statement will be found in appendices B, etc.:—

SUMMARY.

	Submitted.	Verified.	Rejected.	Percentage of Rejections.
Weights (Dom.).....	59,703	59,238	465	0.78
Measures of capacity (Dom.).....	98,282	98,261	21	0.02
“ “ milk cans.....	77,825	77,794	31	0.03
Babcock glassware (pipettes, etc.).....	31,837	31,453	384	1.20
Measures of length.....	7,752	7,737	15	0.19
Weighing machines.....	102,914	98,701	4,213	4.08
Measuring devices.....	8,901	8,633	268	3.01
Metric weights and measures.....	791	791		
“ “ scales.....	333	309	24	7.02
	388,338	382,917	5,421	1.39

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The percentage of rejections is small and does not correctly represent the situation because the inspectors rectify all the weights they find incorrect and adjust a large number of scales and measuring machines wherever possible, otherwise the expense for trifling repairs and adjustments, to scale owners away from industrial centres, would be excessive.

During the year sixty seizures have been made and eight prosecutions, five of which resulted in conviction and fines. In fifty-two cases they were closed with the confiscation of the machines, a good many of them being ignorantly in use when quite incorrect and unfit for repair.

Under the Milk Test Act, 31,837 pieces of Babcock glassware, used in the dairy industry for making butter-fat tests, have been verified and stamped in the Weights and Measures Standards Branch itself, producing a revenue of \$1,573.10—practically the same as last year.

THE METRIC SYSTEM.

This stupendous question is still the subject of active propaganda on the part of the "pros" and the "antis." An organization in San Francisco has flooded the American continent with a pro-metric pamphlet more enthusiastic than truthful, requesting its readers to write their Government demanding the compulsory introduction of the meter-liter-gram system. To date the department has not received one such written demand from any single manufacturer or commercial house. To-day any production facility is quickly adopted. The motor car and delivery truck have replaced the horse because of their indisputable advantages. Why then, it may be asked, has not the metric system likewise ousted the English system if it has and embodies the advantages which its sponsors claim for it? One reason is that many advocates are theorists and confound the words "decimal" and "metric"—thinking we cannot enjoy the former without the latter, whereas the practical man soon learns that the adoption of the metric system means the introduction of an entirely new unit and an entirely new set of drawings, gauges, templates, tools, etc., because there is no relation between standard English and metric sizes. For instance:—

$\frac{3}{4}$ inch	=	19.05 min.
$\frac{7}{8}$ "	=	22.05 "
1 "	=	25.40 "
$1\frac{1}{8}$ "	=	27.575 "

There is therefore practically no conversion. The same applies to measures of capacity for—

1 quart	=	1.1365 litres.
1 gallon	=	4.5460 "
1 bushel	=	36.3680 "

The bushel is the most important unit by virtue of its relation to grain standards and prices, etc. There is no equivalent in the metric system, so that an entirely new system of grain standards, and for vegetables, would have to be introduced, for—

1 bushel	=	8 gallons.
1 decalitre	=	2.1998 "
1 hectolitre	=	21.9975 "

from which the nearest equivalent to the bushel is seen to be 4 decalitres, which is twice the double decalitre and smaller than a demi-hectolitre.

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The finding of the Special Committee of the English Government on "Commercial and Industrial Policy after the War" (1918) must in this connection be given due respect.

Inter alia, this report says:—

"It is admitted that the demand for spare parts, replacements, etc., would make it necessary to continue manufacture, for the home markets alone, on our existing system side by side with the new, for a very long period; in such cases as railway locomotives perhaps for a generation.

"We are not satisfied by any evidence which has been brought before us that trade has actually been lost to this country owing to the fact that the use of the metric system is not compulsory. . . .

"Our weights and measures are capable of detailed improvements . . . but we are not convinced that the metric system is upon the whole even theoretically superior to the British system, and we are not satisfied that the practical objections to the proposed change are such as decisively to outweigh any advantages which are claimed for it."

In this connection it must be noted that whilst there are some thirty-four countries claimed as using the metric system, the majority of these are of small account industrially. In other words such cities as London, Manchester, Sheffield, Liverpool, Glasgow Belfast, or New York, Chicago, Philadelphia, and Pittsburg have more population and infinitely more industrial development and production than such entire countries as Serbia, Siam, Montenegro, Uruguay, Equador, Bolivia, or even Chili, Peru, Bulgaria, or Greece. Any change therefore must be most carefully considered and the enthusiasm for uniformity tempered by the actual needs of, and the effects upon, established British American industry.

Mr. Ormond Higman, Chief Engineer, reports as follows on the work done under the provisions of the Electricity Inspection Act, the Gas Inspection Act, and the Electricity and Fluid Exportation Act.

During the progress of the war the inspection work of these services decreased very materially, due mainly to the difficulty experienced by the electric and gas companies in procuring the necessary help to handle the meters. Since hostilities ceased and help became available there has been a very decided increase in the number of meters presented for verification.

The number of meters tested during the fiscal year 1918-19 is as follows:—

Electricity meters.....	140,336
Gas meters.....	73,324
Total.....	213,660

These figures, compared with the previous year, show a decrease in gas meters tested of 1,842, and an increase in electricity meters of 12,943.

The revenue collected from these services for the fiscal year just closed is as follows:—

Electricity inspection.....	\$ 87,421 25
Gas inspection.....	55,701 45
Total.....	\$143,122 70

Compared with the fiscal year 1917-18 these figures show an increase of \$7,900.90 for electricity and a decrease of \$617.60 for gas.

The expenditures for the fiscal year 1918-19 for the combined services amount to \$111,590.96, being an increase as compared with the previous year of \$95.42.

While the above figures show an apparent surplus of revenue over expenditure of \$40,267.12 on the year's operations, it should not be overlooked that the salaries of laboratory and administrative services at Ottawa are at present paid out of the Civil Government vote and do not appear under the head of service expenditures.

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Taking into account the fact that increases in salaries have been granted to the somewhat underpaid staff of inspectors and their assistants, and the further fact that some expenditures will of necessity have to be made on maintenance of equipment, which have been largely withheld during the war, it is estimated that the revenue and expenditure for the fiscal year ending March 31, 1920, will about balance.

The standardizing laboratories at Ottawa and Vancouver have continued the work of periodically checking the secondary or inspectional standards, thus ensuring accuracy in the work of our inspectors. In addition to this the Ottawa laboratory, in spite of 50 per cent of its staff being overseas, has conducted a large number of electrical tests for the War Purchasing Board, the Wireless Branch of the Marine Department, and the Department of Public Works. The equipment of the electric and gas standards laboratory at Winnipeg is now proceeding and, it is expected, will be ready for work during the ensuing summer.

The checking of our primary electrical standards with the Bureau of Standards primaries at Washington should receive attention at an early date. Such international checking is most desirable in order that accuracy be maintained.

The details of operations under the various Acts administered by this branch are set out in the accompanying appendices to the report.

APPENDIX A.

STATEMENT of Weights and Measures Expenditures and Revenues.

Inspection Division.	Inspectors.	Expenditures.						Revenues.
		Salaries.	Special Assist. ance.	Rent.	Travel- ling Expenses	Sundries.	Total.	
		\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	
Belleville.	F. D. Diamond..	4,266 44	26 00	572 00	1,250 41	219 67	6,334 52	2,416 15
Hamilton.	J. C. Sealey. ...	6,085 17	951 70	.....	1,867 09	169 55	9,073 51	9,269 05
Kingston.	T. Gallagher....	3,199 92	.....	.....	331 35	49 53	3,580 80	961 00
London.	A. A. Luton ...	6,833 08	192 48	.....	3,460 88	214 87	10,701 31	11,726 70
Ottawa.	E. H. Hinchey..	15,110 20	600 00	.....	3,794 02	151 39	19,655 61	10,553 85
Toronto.	J. J. McConvey.	8,266 36	.....	.....	1,902 03	174 11	10,342 50	15,152 70
	Ontario.	43,761 17	1,770 18	572 00	12,605 78	979 12	59,688 25	50,079 45
Montreal.	A. A. Bernard...	13,091 25	2,091 52	2,000 00	3,149 14	534 00	20,865 91	12,485 30
Quebec.	Chs. E. Roy....	8,449 72	2,531 76	400 00	3,098 43	248 09	14,728 00	6,182 75
Sherbrooke ..	O. C. Delorme...	3,183 23	822 21	500 00	2,080 64	74 18	6,660 26	5,299 95
St. Hyacinthe.	.....	333 33	15 00	.....	400 91	21 05	770 29	936 65
Three Rivers..	J. A. Desilets...	4,133 24	666 60	.....	1,725 03	160 86	6,685 73	2,905 45
	Quebec.	29,190 77	6,127 09	2,900 00	10,454 15	1,038 18	49,710 19	27,810 10
St. John, N.B.	Jas. Barry.....	5,349 96	.....	.....	1,069 88	147 08	7,766 62	3,587 55
Halifax.	Wm. O'Brien ...	1,874 92	926 60	.....	670 70	214 03	3,686 25	1,338 50
Pictou.	W. M. Dustan...	3,399 84	48 00	.....	844 13	164 01	4,455 98	1,909 05
	Nova Scotia.	5,274 76	974 60	.....	1,514 83	378 04	8,142 23	3,247 55
Charlottetown, P.E.I.	Edw. Davy.....	1,199 92	726 64	.....	116 95	11 10	2,054 61	330 35
Winnipeg, Man	R. McKay.....	10,433 00	.....	1,299 96	6,597 01	206 09	18,536 06	15,010 00
Regina.	D. J. McLean...	7,966 36	.....	.....	6,607 75	255 45	14,829 56	10,851 00
Saskatoon. ...	Chs. W. Johnston	6,299 74	886 66	210 00	6,083 53	144 27	13,624 20	10,748 85
	Saskatchewan	14,266 10	886 66	210 00	12,691 28	399 72	28,453 76	21,599 85
Calgary.	G. D. Fyfe.....	4,514 38	128 33	.....	2,761 80	260 31	7,664 82	4,832 45
Edmonton.	J. C. McDougall.	1,483 27	637 07	600 00	2,803 05	127 16	5,650 55	5,031 75
	Alberta.	5,997 65	765 40	600 00	5,564 85	387 47	13,315 37	9,864 20
Nelson.	Thos. Parker....	2,149 92	22 50	180 00	1,565 33	113 10	4,030 85	959 05
Vancouver.	A. H. Dutton...	1,470 76	847 92	.....	309 22	595 76	3,223 66	2,453 10
	B. Columbia.	3,620 68	870 42	180 00	1,874 55	708 86	7,254 51	3,412 15
Dawson, Yukon	.....	249 99	.....	.....	.....	.....	249 99	.....
Insp. of Elevator Scales.	A. A. Bowen....	676 03	.....	.....	331 40	.....	1,007 43	.....
"	J. G. White....	499 92	.....	.....	36 70	.....	536 62	.....
Chief Inspector	70 39	70 39
	Total.	120,519 95	12,120 99	5,761 96	52,857 08	4,326 05	195,586 03	134,941 20

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STATEMENT of Weights and Measures Expenditures and Revenues—*Concluded.*

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APPENDIX B.

RETURN showing the Number of Weights, Measures and Weighing Machines verified in each Province.

Provinces.	Weighing Machines.												Weights.								
	Equal Arms.	Platform Scales.				Spring Scales.			Computing Scales.		Automatic Scales.		Suspension Scales.	Combined Avdp. and Metric.	Metric.	Avoirdupois.	Troy.	Metric.	Tolerated.	Tobacco.	
		Steelyard.	Ordinary.	Pitless.	Dial.	Track.	Trade.	Ice and Dairy.	Automatic Slot.	Spring.	All others.	Grain Elevator.									All others.
Ontario	3,517	3,972	25,237	149	401	91	118	20	56	3,059	6,468	28	10	22	4	89	15,777	19	154	.....	209
Quebec	4,132	3,030	11,722	189	25	67	341	10	544	520	1,920	66	106	25	6	21	24,008	18	490	.....	443
New Brunswick.....	578	62	1,790	.....	.....	16	63	.....	6	33	432	1	.....	2	.....	.....	2,524	.....	.....	.....	.....
Nova Scotia	469	48	1,376	.....	2	37	98	.....	1	159	533	.....	41	8	.....	.....	2,157	.....	.....	.....	.....
Prince Edward Island	45	8	188	2	.....	4	15	.....	.....	19	13	.....	.....	2	.....	2	206	.....	.....	.....	.....
Manitoba	741	227	4,045	72	43	17	93	8	16	1,075	684	34	.....	.....	24	68	4,388	.....	72	.....	.....
Saskatchewan..	939	1,413	7,549	156	4	17	22	.....	.....	809	723	46	.....	4	.....	.....	5,149	.....	.....	.....	.....
Alberta.....	167	229	2,573	137	2	47	43	.....	4	226	675	98	.....	5	.....	124	2,164	.....	68	.....	.....
British Columbia....	294	111	1,633	16	1	33	274	83	23	487	489	1	21	5	.....	5	1,386	.....	6	.....	.....
Totals.....	10,882	9,100	56,113	721	478	329	1,067	121	650	6,387	11,937	274	178	73	34	309	57,759	37	790	443	209

APPENDIX B.—Continued.

RETURN showing the Number of Weights, Measures and Weighing Machines rejected in each Province.

Provinces.	Weighing Machines.														Weights.						
	Equal Arms.	Steelyard.	Platform Scales.				Spring Scales.			Computing Scales.		Automatic Scales.		Suspension Scales.	Combined Avdp. and Metric.	Metric.	Avoirdupois.	Troy.	Metric.	Tolerated.	Tobacco.
			Ordinary.	Pitless.	Dial.	Track.	Trade.	Ice and Dairy.	Automat-ic Slot.	Spring.	All others.	Grain Elevator.	All others.								
Ontario	82	26	1,250	9	21	20	10	6	43	42	286	1	3	1	1	163	15	..	..	..
Quebec	61	22	536	19	7	19	18	..	13	30	110	..	..	..	2	174	..	..	..	..
New Brunswick..	2	..	34	..	..	3	1	..	1	..	5	..	..	..	..	..	..	..	..	24
Nova Scotia.....	3	..	21	..	..	5	..	..	..	1	..	..	..	..	..	..	..	..	..	..
Prince Edward Island	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	22	..	..	..	..
Manitoba.....	7	3	272	9	11	6	4	..	..	77	14	..	..	..	..	6	..	..	..	..
Saskatchewan..	7	12	488	45	4	1	5	..	..	35	27	6	..	..	..	46	..	..	..	..
Alberta	4	10	243	27	..	15	2	..	..	32	57	2	..	..	21	15	..	..	..	..
British Columbia...	..	..	27	..	..	7	5	1	..	6	5	..	..	..	..	..	..	..	..	..
Totals.	166	73	2,871	109	43	76	45	7	57	224	504	9	3	1	24	426	15	....	24	..

APPENDIX B.—Concluded.

RETURN showing the Number of Weights, Measures and Weighing Machines submitted in each Province.

Provinces.	Weighing Machines.										Weights.										
	Equal Arms.	Platform Scales.				Spring Scales.			Automatic Scales.		Suspension Scales.	Combined Avdp. and Metric.	Metric.	Avordupois.	Troy.	Metric.	Tolerated	Tobacco.			
		Steelyard.	Ordinary.	Pitless.	Dial.	Track.	Spring Scales.			Automatic Scales.											
							Trade.	Ice and Dairy.	Automatic Slot.	Elevator.									All others.		
																				Spring.	All others.
Ontario	3,599	3,998	26,487	158	422	111	128	26	99	3,101	6,754	28	11	25	5	90	15,940	34	154	467	209
Quebec	1,193	3,052	12,258	208	32	86	359	10	557	550	2,030	67	106	25	6	23	24,182	18	490		
New Brunswick	580	62	1,824	...	...	19	64	...	7	38	437	1	...	2	...	...	2,524	...	...
Nova Scotia	472	48	1,397	...	2	42	98	...	1	160	533	...	41	8	...	...	2,179	...	...
Prince Edward Island .	45	8	188	2	...	4	15	...	...	20	13	...	...	2	...	2	206	...	...
Manitoba	748	230	4,317	81	54	23	97	8	16	1,152	698	34	...	...	24	68	4,394	...	72		
Saskatchewan	946	1,425	8,037	201	8	18	27	...	...	844	750	52	...	4	...	...	5,195	...	...
Alberta	171	247	2,816	164	2	62	45	...	4	258	732	100	...	5	...	145	2,179	...	68		
British Columbia . . .	294	111	1,660	16	1	40	279	84	23	493	494	1	21	5	...	5	1,386	...	6		
Totals	11,045	9,181	58,981	830	521	465	1,112	128	707	6,611	12,441	283	179	76	35	333	58,185	52	790	467	209

APPENDIX C.

RETURN showing the Number of Measures of Capacity, Lineal Measures and Miscellaneous Verified in each Province.

Provinces	Measures of Capacity.				Measuring Devices.			Lineal Measures.		Miscellaneous.					
	Dominion.	Glass.	Metric.	Milk Cans.	Pumps.	Measuring Tanks.	Meters.	Dominion.	Metric.	Moisture Test Scales.	Measure-graphs.	Salt Carts.	Miners' Attachment	Weights-meters.	Tripple Scales.
Ontario	58,531	.....	1	52,836	3,764	1	.....	4,087	.....	38	146	.....	.....	.....	.....
Quebec.....	27,906	.....	.....	9,870	1,088	46	5	2,485	.....	.....	.....	.....	.....	.....	.....
New Brunswick..	3,677	.....	.....	2,368	403	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Nova Scotia.....	1,375	.....	.....	.....	450	.....	.....	36	.....	.....	.....	16	20	.....	.....
Prince Edward Island...	.....	.....	.....	.....	21	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Manitoba	6,056	.....	.....	7,733	922	7	.....	421	.....	.....	.....	.....	.....	.....	.....
Saskatchewan.....	639	.....	.....	1,708	1,263	.....	.....	456	.....	.....	.....	.....	1	.....	.....
Alberta.....	25	.....	.....	3,279	597	.....	.....	39	.....	.....	.....	.....	14	.....	8
British Columbia ..	54	.....	.....	.....	71	.....	.....	50	.....	.....	.....	.....	6	2	.....
Totals.....	98,263	.....	1	77,794	8,579	54	5	7,591	.....	38	146	10	41	2	8

RETURN showing the Number of Measures of Capacity, Lineal Measures and Miscellaneous Rejected in each Province.

Provinces.	Measures of Capacity.				Measuring Devices.			Lineal Measures.		Miscellaneous.		
	Dominion.	Glass.	Metric.	Milk Cans.	Pumps.	Measuring Tanks.	Meters.	Dominion.	Metric.	Salt Carts.	Miners' Attachment	Tripple Scales.
Ontario	3	.....	.....	31	42	.....	.....	3	.....	.....	.....	.....
Quebec.....	.....	.....	.....	.....	6	1	.....	12	.....	.....	.....	.....
New Brunswick.....	.....	.....	.....	.....	5	.....	.....	.....	.....	.....	.....	.....
Nova Scotia	16	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
Manitoba .....	.....	.....	.....	.....	45	.....	.....	.....	.....	.....	.....	.....
Saskatchewan .....	.....	.....	.....	.....	18	.....	.....	.....	.....	.....	1	.....
Alberta.....	.....	.....	.....	.....	32	.....	.....	.....	.....	.....	2	3
Totals.....	19	.....	.....	31	267	1	.....	15	.....	1	3	3

RETURN showing the Number of Measures of Capacity, Lineal Measures and Miscellaneous Submitted in each Province.

Provinces.	Measures of Capacity.				Measuring Devices.			Lineal Measures.		Miscellaneous.					
	Dominion.	Glass.	Metric.	Milk Cans.	Pumps.	Measuring Tanks.	Meters.	Dominion.	Metric.	Moisture Test Scales.	Measure-graphs.	Salt Carts.	Miners' Attachment	Weights-meter	Tripple Scales.
Ontario.....	58,534	.....	1	52,867	3,806	1	.....	4,090	.....	38	146	.....	.....	.....	.....
Quebec.....	27,906	.....	.....	9,870	1,153	47	5	2,497	.....	.....	.....	.....	.....	.....	.....
New Brunswick.....	3,677	.....	.....	2,368	408	.....	.....	17	.....	.....	.....	.....	.....	.....	.....
Nova Scotia	1,391	.....	.....	.....	450	.....	.....	36	.....	.....	.....	11	20	.....	.....
Prince Edward Island.....	.....	.....	.....	.....	21	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Manitoba.	6,056	.....	.....	7,733	967	7	.....	421	.....	.....	.....	.....	.....	.....	.....
Saskatchewan	639	.....	.....	1,708	1,341	.....	.....	456	.....	.....	.....	.....	2	.....	.....
Alberta.....	25	.....	.....	3,279	629	.....	.....	39	.....	.....	.....	.....	16	.....	11
British Columbia ..	54	.....	.....	.....	71	.....	.....	50	.....	.....	.....	.....	6	2	.....
Totals.	98,282	.....	1	77,825	8,846	55	5	7,606	.....	38	146	11	44	2	11

APPENDIX D.
Statement of Electricity, Expenditures and Revenues.

Districts	Expenditures Authorized by the Department.							Totals.	Revenues.
	Bonus Vote No. 419.	War Bonus.	Salaries.	Special Assistance.	Rent.	Travelling Expenses.	Sundries.		
	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
Bellefleur	350 00	300 00	2,899 92	314 39	.....	598 30	50 33	4,512 94	3,351 30
Fort William	100 00	100 00	1,399 92	.....	.....	276 35	76 98	1,953 25	1,499 35
Hamilton . . . . .	.....	.....	.....	.....	.....	541 15	.....	541 15	8,149 30
London . . . . .	.....	.....	.....	45 32	.....	422 36	67 15	534 83	5,653 90
Ottawa . . . . .	.....	.....	.....	.....	.....	328 75	.....	328 75	3,266 65
Sudbury	100 00	100 00	1,399 92	.....	.....	414 80	55 60	2,070 32	1,284 60
Toronto . . . . .	.....	.....	.....	10 00	.....	787 63	26 70	824 33	14,242 35
Ontario	550 00	500 00	5,699 76	369 71	.....	3,369 34	276 76	10,765 57	37,447 45
Montreal	187 50	150 00	.....	2,266 64	.....	336 65	71 17	3,011 96	12,578 70
Quebec	75 00	50 00	.....	223 11	.....	378 35	177 75	904 21	1,432 65
Shebrooke . . . . .	.....	.....	.....	.....	.....	162 55	12 85	175 40	958 50
St. Hyacinthe . . . . .	.....	.....	.....	.....	.....	.....	.....	.....	1,489 65
Three Rivers . . . . .	.....	100 00	499 92	.....	180 00	336 85	14 83	1,131 60	882 80
Quebec	262 50	300 00	499 92	2,489 75	180 00	1,214 40	276 60	5,223 17	17,342 30
St. John, N.B. . . . .	.....	.....	.....	.....	.....	240 92	70 33	311 25	2,012 10
Halifax, N.S.	112 50	75 00	.....	960 00	.....	840 69	166 28	2,154 47	3,560 95
Charlottetown, P.E.I. . . . .	.....	.....	.....	66 00	.....	66 25	10 26	136 51	192 60
Winnipeg, Man. . . . .	.....	19 36	.....	764 51	286 00	408 55	326 37	1,804 79	9,190 35
Calgary	208 34	150 00	1,500 00	1,148 32	.....	233 05	186 07	3,425 78	3,066 50
Edmonton	100 00	50 00	1,500 00	.....	.....	442 60	132 80	2,225 40	2,619 60
Alberta	308 34	200 00	3,000 00	1,148 32	.....	675 55	318 87	5,651 18	5,686 10
Regina, Sask.	125 00	50 00	46 94	1,099 92	.....	1,450 08	282 72	3,054 66	3,111 75
Vancouver	450 00	190 00	5,902 19	1,159 12	.....	179 87	277 44	8,158 62	6,336 05
Victoria . . . . .	.....	.....	.....	481 33	.....	150 90	94 05	726 28	2,541 60
British Columbia	450 00	190 00	5,902 19	1,640 45	330 77	371 49	8,884 90	8,877 65
Yukon	124 98	124 98

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Chief Electrical Engineer	1,808 34	1,334 36	18,065 43	8,532 66	466 00	9,478 85	248 48	248 48	248 48
Inspector of Eastern Division			525 00			281 75		806 75	
Inspector of Central Division			525 00			249 35	590 40	1,364 75	
Inspector of Western Division			1,741 64			351 10	280 19	2,372 93	
Totals for Districts, etc.	1,808 34	1,334 36	18,065 43	8,532 66	466 00	9,478 85	3,218 75	42,904 39	87,421 25
General Contingencies									
Printing							720 24	720 24	
Stationery							1,532 28	1,532 28	
International Electro-technical Commission							1,636 58	1,636 58	
Provisional allowance							320 35	320 35	
Export of electric power							1,644 56	1,644 56	650 00
Electrical standards laboratory fees									155 55
Grand totals	1,808 34	1,334 36	18,065 43	8,532 66	466 00	9,478 85	9,072 76	48,758 40	83,226 80

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APPEN

Coal and Water Gas Companies

Place.	Company	Kind of Gas.	No of Meters.	Sulphureted (No trace
				Number of Prescribed.
Barrie, Ont.	Barrie Gas Co.	C. W. G.	676	24
Belleville, Ont.	Corporation of Belleville.	C. & C. W. G.	1,521	48
Brandon, Man.	Brandon Gas & Power Co.,	Coal.	931	Testing
Brockville, Ont.	Corporation of Brockville.	C. W. G.	1,800	48
Cobourg, Ont.	Hydro-El. Pr. Comm.	Coal	419	24
Cornwall, Ont.	Stormont El. L. & P. Co.	C. W. G.	410	24
Deseronto, Ont.	Corporation of Deseronto.	C. W. G.	117	24
Guelph, Ont.	Board of L. & H. Com.	C. & C. W. G.	3,382	96
Halifax, N.S.	Nova Scotia Tramway & P. Co. . . .	Coal	1,717	48
Hamilton, Ont.	United Gas & Fuel Co.	C. & C. W.	922	24
Kingston, Ont.	Corporation of Kingston.	C. W. G.	3,320	96
Kitchener, Ont.	Corporation of Kitchener.	C. & C. W.	3,483	96
London, Ont.	City Gas Co.	C. & C. W.	10,935	304
Montreal, P.Q.	Montreal L. H. & P. Cons.	C. & C. W.	115,078	304
Nanaimo, B.C.	Nanaimo Gas & Power Co.	Coal.	None.	24
Napanee, Ont.	Hydro-El. Pr. Comm.	Coal.	338	24
Nelson, B.C.	Corporation of Nelson.	Coal.	554	24
New Westminster, B.C.	New Westminster Gas Co.	Coal.	344	24
Oshawa, Ont.	Hydro-El. Pr. Comm.	C. W. G.	1,384	48
Ottawa, Ont.	Ottawa Gas Co.	Coal	16,070	300
Owen Sound, Ont.	Public Utilities Comm.	C. & C. W. G.	1,941	48
Peterboro, Ont.	Hydro-El. Pr. Comm.	C. W. G.	2,433	96
Port Hope, Ont.	Port Hope Gas Co.	Coal	401	24
Quebec, Que.	Quebec Ry. L. & P. Co.	C. W. G.	6,514	144
St. Hyacinthe, P.Q.	St. Hyacinthe Gas & El. Co.	C. W. G.	400	24
St. John, N.B.	New Brunswick, P. Co.	Coal.	1,629	48
St. Thomas, Ont.	Corporation of St. Thomas.	Coal.	3,550	96
Sherbrooke, P.Q.	Corporation of Sherbrooke.	C. W. G.	1,500	48
Sorel, P.Q.	Corporation of Sorel.	Coal.	250	Testing
Stratford, Ont.	Stratford Gas Co.	C. & C. W. G.	1,373	48
Toronto, Ont.	Consumers Gas Co.	C. & C. W. G.	113,923	305
Vancouver, B.C.	Vancouver Gas Co.	C. & C. W. G.	15,657	303
Victoria, B.C.	Victoria Gas Co.	Coal	3,666	96
Waterloo, Ont.	Corporation of Waterloo.	C. W. G.	809	24
Winnipeg, Man.	Winnipeg El. Ry. Co.	C. & C. W. G.	19,841	305

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DIX E.

Registered and Gas Tests made.

Hydrogen. permitted).		Calorimetric Tests. (Standard : 520 British Thermal Units per cu. ft.).					
Tests.	Times found present.	Number of Tests.		B. T. U. Values Found.			Readings below Standard.
Made.		Prescribed.	Made.	Highest.	Lowest.	Average.	
24	2	24	24	626	542	583	None.
48	1	48	73	551	462	521	506, 489, 502, 494, 513, 462, 507, 518, 507, 508, 509, 508, 519, 510, 518, 518, 516, 509.
apparatus	not yet ins	talled.					
48	None.	48	48	636	521	568	None.
24	2	24	24	643	538	589	"
24	2	24	24	618	520	554	"
24	11	24	24	817	534	674	"
96	None	96	96	597	528	562	"
48	"	48	48	591	522	558	"
24	"	24	24	539	522	527	"
96	11	96	96	785	504	621	504
96	None.	96	96	607	520	531	None.
304	"	304	304	605	521	557	"
304	"	303	303	528	524	520	"
20	"	24	20	611	519	565	519
24	"	24	24	601	468	563	468
8	"	24	8	532	441	505	483, 441, 485
24	"	24	24	668	561	608	None.
47	23	48	49	636	498	559	498, 503
300	None.	300	300	554	508	536	508
48	3	48	48	596	501	542	511, 510, 517, 501, 507, 511
96	13	96	96	578	516	549	516, 517
24	None.	24	24	669	597	630	None.
144	"	144	144	595	522	559	"
24	"	24	24	574	520	531	"
48	"	48	48	613	556	592	"
96	3	96	96	638	508	567	508, 509
45	None	48	45	578	504	539	504, 510, 511, 514
apparatus	not yet ins	talled.					
48	None	48	48	628	481	585	517, 481
305	"	305	305	563	520	533	None.
303	"	303	303	582	506	534	510, 514, 516, 512, 519-515, 515, 506, 518, 516, 519, 518
94	None.	96	96	572	439	528	518, 510, 496, 474, 469, 468, 471, 472, 939, 484, 514, 517, 495
24	None.	24	24	615	522	549	506, 518, 513, 499,
299	20	305	299	573	499	535	519, 518, 514, 519, 505, 509, 509, 503, 519, 515, 513

ORMOND HIGMAN,
Chief Engineer.

APPENDIX F.

STATEMENT of Gas Meters Tested.

District.	Verified as Within Legal Limits.			Rejected		Total.
	Correct.	Not Over 2% Fast.	Not Over 3% Slow.	Over 2% Fast.	Over 3% Slow.	
Belleville.	563	413	1,500	62	33	2,571
Calgary	103	34	1,992	18	14	2,161
Halifax	101	10	41	..	..	155
Hamilton	3,001	860	3,818	..	..	7,679
London	1,900	1,165	4,239	39	52	7,395
Montreal	5,065	4,158	8,437	223	182	18,065
Ottawa.	1,084	566	2,145	8	1	3,804
Quebec.	395	56	300	..	..	751
St. Hyacinthe.	5	9	9	1	..	23
St. John..	707	100	323	1	2	1,133
Sherbrooke.	262	304	195	..	..	761
Toronto	11,909	1,776	8,576	268	237	22,697
Vancouver..	827	840	1,227	4	..	2,898
Victoria	167	225	155	1	..	548
Winnipeg	1,245	554	867	13	4	2,683
Totals.	27,328	11,069	33,824	578	525	73,324

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APPENDIX G.

STATEMENT of Natural Gas Companies Registered.

Location.	Name.	Number of Meters.
Aylmer, Ont.....	Central Pipe Line Co.....	841
Belmont, Ont.....	Belmont Gas Light Co.....	125
Blenheim, Ont.....	Union Natural Gas Co. of Canada.....	468
Bowness, Alta.....	Canadian Western Natural Gas, Light, Heat & Power Co....	8
Brantford, Ont.....	Brantford Gas Co.....	5,687
Bridgeburg, Ont.....	Provincial Natural Gas & Fuel Co., of Ontario.....	1,615
Brooks, Alta.....	Canadian Western Natural Gas, Light, Heat & Power Co....	93
Caledonia, Ont.....	Port Colborne-Welland Natural Gas & Oil Co.....	492
Calgary, Alta.....	Calgary Gas Co.....	9,037
Castor, Alta.....	Corporation of Castor.....	30
Cayuga, Ont.....	Dominion Natural Gas Co.....	200
Chatham, Ont.....	Chatham Gas Co.....	3,525
Claresholm, Alta.....	Canadian Western Natural Gas, Light, Heat & Power Co....	214
Delhi, Ont.....	Dominion Natural Gas Co.....	241
Dorchester, Ont.....	Southern Ontario Gas Co.....	113
Dresden, Ont.....	Union Natural Gas Co., of Canada.....	434
Dundas, Ont.....	Dominion Natural Gas Co.....	2,912
Dunnville, Ont.....	Dominion Natural Gas Co.....	1,047
Dutton, Ont.....	Southern Ontario Gas Co.....	238
Fenwick, Ont.....	United Gas Companies.....	92
Fingal, Ont.....	Southern Ontario Gas Co.....	67
Ford City, Ont.....	Windsor Gas Co.....	448
Fort Erie, Ont.....	Lake Shore Natural Gas Co.....	266
Galt, Ont.....	Dominion Natural Gas Co.....	1,935
Granum, Alta.....	Canadian Western Natural Gas, Light, Heat & Power Co....	118
Haldimand County, Ont.....	Midfield Natural Gas Co.....	34
Hamilton, Ont.....	Manufacturers Natural Gas Co.....	31
Hamilton, Ont.....	United Gas & Fuel Co.....	19,214
Hagerville, Ont.....	Manufacturers Natural Gas Co.....	331
Highgate, Ont.....	Southern Ontario Gas Co.....	117
Hillsboro, N.B.....	Moncton Tramways Electricity & Gas Co.....	223
Humberstone, Ont.....	Sterling Gas Co.....	294
Ingersoll, Ont.....	Ingersoll Gas Light Co.....	1,232
Kingsville, Ont.....	Beaver Oil & Gas Co.....	599
Lambeth, Ont.....	Southern Ontario Gas Co.....	83
Leamington, Ont.....	Beaver Oil & Gas Co.....	368
Leamington, Ont.....	Corporation of Leamington.....	997
Lethbridge, Alta.....	Canadian Western Natural Gas, Light, Heat & Power Co....	890

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APPENDIX G.

STATEMENT of Natural Gas Companies Registered—*Concluded.*

Location.	Name.	Number of Meters.
Macleod, Alta	Canadian Western Nat. Gas, Light, Heat & Power Co.....	241
Moncton, N.B., and vicinity. .	Moncton Tramways Electricity & Gas Co.	3,205
Nanton, Alta	Canadian Western Nat. Gas, Light, Heat & Power Co.....	165
Niagara Falls, Ont.....	Provincial Natural Gas & Fuel Co. of Ont.....	3,280
Okotoks, Alta.....	Canadian Western Nat. Gas, Light, Heat & Power Co.	97
Paris, Ont.....	Dominion Natural Gas Co	813
Petrolia, Ont	Petrolia Utilities Co	820
Port Burwell, Ont	Central Pipe Line Co.....	90
Port Colborne, Ont.....	Sterling Gas Co	698
Port Dover, Ont	Dominion Natural Gas Co.....	236
Port Rowan, Ont	Dominion Natural Gas Co	231
Putnam, Ont	Southern Ontario Gas Co.	14
Redcliffe, Alta	Canadian Western Power & Fuel Company	331
Ridgetown, Ont.....	Union Natural Gas Co. of Can	582
Ridgeway, Ont	Bertie Natural Gas Co	148
Rodney, Ont	Southern Ont. Gas Co.....	212
Rosehill, Ont	Rosehill Natural Gas Co	39
St. Catharines, Ont	Corporation of St. Catharines.....	499
St. Catharines, Ont.....	United Gas Companies.....	2,903
St. George, Ont.....	Dominion Natural Gas Co.....	111
St. Williams, Ont	Dominion Natural Gas Co.	85
Sandwich, Ont., and vicinity	Windsor Gas Co.....	608
Sarnia, Ont.....	Sarnia Gas Co.....	3,486
Shedden, Ont	Southern Ontario Gas Co	72
Simcoe, Ont	Dominion Natural Gas Co	2,030
Sutfield Alta	Southern Alberta Gas Co	13
Tavistock, Ont	Chippewa Oil & Gas Co	25
Thorold, Ont.....	United Gas Companies	410
Tilbury, Ont.....	Union Nat. Gas Co. of Can., Ltd.....	323
Tillsonburg, Ont.	Dominion Natural Gas Co., Ltd	1,259
Vienna, Ont	Central Pipe Line Co	73
Walkerville, Ont.....	Windsor Gas Co.	1,367
Wallacetown, Ont.....	Southern Ontario Gas Co	52
Welland, Ont	Provincial Natural Gas & Fuel Co. of Ont	2,465
Welland County, Ont	Industrial Natural Gas & Fuel Co.....	53
Welland County, Ont	Wainfleet & Moulton Gas Co	18
West Lorne, Ont	Southern Ontario Gas Co	175
Wheatley, Ont.....	Beaver Oil & Gas Co	276
Windsor, Ont.....	Windsor Gas Co	6,538
Woodstock, Ont	Woodstock Gas Light Co.....	2,256

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APPENDIX H.

STATEMENT of Gas Inspection Expenditures and Revenues.

EXPENDITURES AUTHORIZED BY THE DEPARTMENT.

Districts.	Bonus Vote No. 419.	War Bonus.	Salaries.	Special Assist- ance.	Rent.	Travel- ling Expenses	Sundries.	Totals.	Revenues
	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
Belleville.				293 14	200 00	195 35	26 63	715 12	2,669 75
Hamilton.	400 00	400 00	5,400 00	86 00	70 00	596 35	133 99	7,086 34	6,014 40
London.	280 00	200 00	4,550 47	99 00		754 72	47 07	5,931 26	6,288 10
Ottawa.	475 00	475 00	5,099 94	1,284 00	424 95	16 40	33 53	7,808 82	3,190 25
Toronto.	926 68	800 00	11,699 75	135 00	15 00	313 00	212 48	14,101 91	15,522 60
Ontario.	2,081 68	1,875 00	26,750 16	1,897 14	709 95	1,875 82	453 70	35,643 45	33,685 10
Montreal.	645 84	650 00	9,299 88		256 00	122 25	101 91	11,075 88	11,950 85
Quebec.		50 00	1,749 96					1,799 96	851 00
Sherbrooke.			799 92					799 92	583 95
St. Hyacinthe.									79 80
Quebec.	645 84	700 00	11,849 76		256 00	122 25	101 91	13,675 76	13,465 60
St. John, N.B.	200 00	200 00	2,700 00			381 16	4 00	3,485 16	952 10
Halifax, Nova Scotia.	237 50	225 00	2,523 28				122 10	3,107 88	230 80
Charlottetown, P.E.I.		100 00	499 92					599 92	
Winnipeg, Man.	146 67	120 83	6,336 87					6,604 37	2,441 65
Calgary, Alta.	125 00			1,178 32		171 95	67 70	1,542 97	1,571 70
Vancouver.							2 39	2 39	2,701 80
Victoria.	50 00	43 18	913 82					1,007 00	652 70
British Columbia.	50 00	43 18	913 82				2 39	1,009 39	3,354 50
Chief Inspector.							10 00	10 00	
Inspector of Eastern Dominion.									
Inspector of Western Dominion.						193 15	51 06	244 21	
Total.	3,486 69	3,264 01	51,573 81	3,075 46	965 95	2,744 33	812 86	65,923 11	55,701 45
General Contingencies							87 25	87 25	
Printing							1,021 52	1,021 52	
Stationery.							1,091 05	1,091 05	
Provisional Allowance							562 64	562 64	
Grand Totals.	3,486 69	3,264 01	51,573 81	3,075 46	965 95	2,744 33	3,575 32	68,685 57	55,701 45

APPENDIX I.

STATEMENT of Electric Meters Tested.

District.	Verified as Within Legal Limits.			Rejected.		Total.
	Correct.	Not Over 3% Fast.	Not Over 3% Slow.	Over 3% Fast.	Over 3% Slow.	
Belleville.....	1,096	3,303	1,040	.....	.....	5,439
Calgary.....	1,865	2,357	709	6	48	4,985
Charlottetown.....	162	73	77	1	.....	313
Edmonton.....	1,296	2,841	159	.....	2	4,298
Fort William.....	272	1,102	1,051	2	14	2,441
Halifax.....	2,935	2,063	847	12	8	5,865
Hamilton.....	9,774	1,055	2,283	.....	.....	13,112
London.....	3,074	4,245	1,618	2	.....	8,939
Montreal.....	2,378	14,399	3,843	4	6	20,630
Ottawa.....	918	3,458	850	.....	.....	5,226
Quebec.....	1,646	290	408	.....	.....	2,344
Regina.....	717	3,702	663	6	6	5,094
St. Hyacinthe.....	308	2,014	100	2	1	2,425
St. John.....	1,510	727	1,073	7	1	3,318
Sherbrooke.....	243	981	371	.....	.....	1,595
Sudbury.....	759	921	393	1	3	2,077
Toronto.....	10,798	8,211	2,781	105	264	22,159
Three Rivers.....	538	425	449	.....	.....	1,412
Vancouver.....	4,358	4,484	1,389	8	14	10,253
Victoria.....	2,079	1,566	471	1	.....	4,117
Winnipeg.....	7,948	5,451	890	1	4	14,294
Yukon.....	.....	.....	.....	.....	.....	.....
Totals.....	54,674	63,668	21,465	158	371	140,336

APPENDIX J.

STATEMENT showing amount of Electrical Energy, Gas or Fluid generated or produced for export and for consumption in Canada, under the authority of the Electricity and Fluid Exportation Act.

Name of Contractor and Place of Business.	Units Produced for Export.		Units Produced for use in Canada.		Total Output of Generating Station or other Source.	
	K. W. Hours.	H. P. Years.	K. W. Hours.	H. P. Years.	K. W. Hours.	H. P. Years.
Canadian Niagara Power Company, Niagara Falls, Ont.	254,633,727	38,979.33	374,972,273	60,462.36	429,606,000	99,441.69
Electrical Development Company, (Toronto Power Company), Niagara Falls, Ont.	141,511,000	21,662.50	698,897,700	106,987.26	840,408,700	128,649.76
Ontario Power Company of Niagara Falls, Ont.	316,921,400	48,514.33	648,248,800	99,233.85	965,169,700	147,748.18
* International Railway Company, Niagara Falls, Ont.						
Ontario & Minnesota Power Co., Port Frances, Ont.	18,060,373	2,764.68	12,556,500	1,922.15	30,616,873	4,686.83
Cedars Rapids Manufacturing & Power Co., Soulanges, Que.	395,966,000	60,614.48	205,958,250	31,528.09	601,924,250	92,142.57
Sherbrooke Railway & Power Co., Sherbrooke, Que.	265,378	40.62	9,722,376	1,188.30	9,987,754	1,528.92
Maine & New Brunswick Electric Power Company, Amoscook Falls, N.B.	1,954,661	758.46	266,039	40.73	5,220,700	799.19
Western Power Company of Canada, Limited, Stave Lake, B.C.	9,373,700	1,434.93	94,966,470	14,537.47	104,340,170	15,972.40
British Columbia Electric Railway Company, Coquitlam, B.C.	290,530	44.47	67,502,970	10,333.35	67,793,500	10,377.82
† West Kootenay Power & Light Co., Ltd., Rossland, B.C.	1,301,200	199.19	145,291,100	22,241.16	146,592,300	22,440.35
Totals	1,143,277,969	175,012.99	2,258,381,978	348,774.72	3,401,659,947	523,787.71

* This Company's License is for 100 K.W., the varying load being used for electric railway supply, chiefly on the Canadian side of the boundary.
† This Company commenced exportation in November, 1918.

APPENDIX K.

List of Electric Light and Power Companies Registered under the Provisions of the Electricity Inspection Act.

District and Company.	Address.	Prime Mover.		Phases of System.	Frequency of System.	Generator Voltage.	Service Voltage.		Number of Motors.		
		Type.	Horse Power.				Power.	Lighting.	Power.	Lighting.	
<i>Bellefleur—</i>											
Bancroft Light & Power Co.	Bancroft. ....	.....	75	DC.	.....	125	.....	.....	.....	.....	.....
Beaverton Hydro Com.	Beaverton. ....	.....	.....	.....	.....	.....	220	.....	.....	7	225
Township of Thorat.	Beaverton. ....	.....	.....	.....	.....	.....	220	.....	.....	1	6
J. P. Lett & Brother.	Bedford Mills.	Water	50/175	3	60	1,000	220	.....	.....	.....	.....
Hydro Electric Pr. Com. of Ontario.	Bellefleur.	Hydro	.....	3	60	.....	120/550	120 200	.....	74	2,035
Electric Light Com.	Bellefleur.	Water	200	3	60	2,200	110	.....	.....	.....	.....
Hydro Electric Pr. Com. of Ontario.	Bowmansville.	Hydro	.....	.....	.....	44,000	220 550	110 100	.....	18	645
Beechm Hydro Commission.	Beechin. ....	.....	.....	3	.....	.....	220	110	.....	20	40
Hydro Electric Pr. Com. of Ontario.	Brighton.	Hydro	.....	3	60	.....	220 550	110	.....	3	365
Public Utilities Commission.	Brackville.	Steam	1,300	3	60	2,200	220/550	110	.....	47	1,528
Water and Light Com.	Campbellford.	Water	3,450	3	60	2,400	2,200/110	110	.....	2	5
Cannington Hydro-Elec. Com.	Cannington. ....	.....	.....	3	60	4,000	220	110 220	.....	9	207
Township of Brock.	Cannington. ....	.....	.....	3	60	4,000	220	110 220	.....	13	13
Cardinal Electric Light Co.	Cardinal.	Steam	550	3	60	240	220	116	.....	...	50
Hydro Electric Power Com. of Ontario.	Colbourne.	Hydro	.....	.....	.....	.....	220/2,200	110 220	.....	35	755
Pebbles, G. M.	Colborne. ....	.....	.....	.....	.....	.....	.....	110	.....	2	150
Hydro-Electric Power Com. of Ontario.	Deseronto.	Hydro	.....	.....	.....	.....	220/550	110/115	.....	7	201
Frankford Electric Light Co., Ltd.	Frankford. ....	.....	45	3	.....	2,200	220	110	.....	.....	92
Water, Light & Power Commissioners.	Fenelon Falls.	Water	600	3	60	550	550	110	.....	.....	.....
Gananoque Elec. Lt. & Water Supply Co., Ltd.	Gananoque.	Water & Steam	1,400	3	60	2,400/250	500	120	.....	36	484
Powells Company, Ltd.	Hastings.	Water	100	2	.....	2,200	220 110	110	.....	.....	.....
Havelock Electric Lt. & Pr. Co., Ltd.	Havelock.	Water	150	3	60	4,400	110 220	110	.....	.....	.....
Kemptville Milling Lt. Ht. & Pr. Co.	Kemptville. ....	.....	300	3	60	10,000	220	110	.....	.....	20
Civic Utilities Commission.	Kingston.	Steam & Hydro	1,700	3	60	2,300/	550	110, 220	.....	90	2,500
Hydro-Electric Power Com.	Lindsay.	Water.	1,500	3	60	44,000	1,100 220	110	.....	38	1,540
Lakefield Electric Light Co.	Lakefield.	Water.	120	3	60	2,200	550	110	.....	.....	.....
Marmora Electric Light Plant.	Marmora.	Turbine	100	.....	.....	1,046	.....	104	.....	.....	.....
Rideau Power Company, Ltd.	Merrickville.	Water	650	3	60	600	600/110	110	.....	.....	100
Hydro-Electric Power Com. of Ontario.	Millbrook.	Hydro	.....	.....	.....	.....	110 220	110	.....	3	153
Hydro-Electric Power Com. of Ontario.	Napanee.	Hydro. ....	.....	.....	.....	.....	220/550	110/115	.....	15	545
Hydro Electric Power Com. of Ontario.	Newcastle.	Hydro	.....	.....	.....	44,000	220/110	220 110	.....	3	145
Harrison, W. C.	Norwood.	Steam	75	1	135	1,000	.....	110	.....	...	70
Hydro-Electric Power Com. of Ontario.	Ormeau.	Hydro	.....	.....	.....	.....	220	110	.....	1	.....

Hydro-Electric Power Com. of Ontario.	Orono.	Hydro	.....	.....	.....	.....	.....	.....	220/110	220/110	4	132
Hydro-Electric Power Com. of Ontario.	Oshawa.	Hydro	.....	.....	.....	60	.....	.....	110	110	75	1,722
Peterborough Utilities Com.	Peterborough.	Hydro	.....	.....	.....	.....	.....	.....	110/220	110/220	4,939	(L. & P.)
Pictou Public Utilities.	Pictou	Steam	.....	375	.....	60	.....	.....	220	220	12	625
Hydro-Electric Power Com. of Ontario	Port Hope	Hydro	.....	.....	.....	60	.....	.....	2,200/116	110/220	42	881
The Light and Water Commission	Port Perry	Steam	.....	75	.....	16,000	.....	.....	.....	110	.....	120
Water and Light Commission	Prescott	Hydro	.....	.....	.....	.....	.....	.....	220	116	14	521
Sunderland Hydro-Electric System.	Sunderland	Hydro.	.....	.....	.....	60	.....	.....	220	110/220	1	91
Hydro-Electric Power Com. of Ontario	Trenton	Hydro.	.....	.....	.....	60	.....	.....	2,200/110	110/220	50	1,120
Hydro-Electric Power Com. of Ontario.	Tweed	Hydro	.....	.....	.....	60	.....	.....	110/550	115	11	292
Corporation of Town of Uxbridge	Uxbridge	Steam & Water	.....	98	.....	120	.....	.....	.....	116	.....	110
Goodrich, J. H.	Wardworth	Water.	.....	80	.....	60	.....	.....	.....	110	.....	17
Niles, W. P., Limited	Wellington.	Gas.	.....	65	.....	.....	.....	.....	500	250	.....	.....
Westport Electric Lt. & Milling Co	Westport.	Water	.....	198	.....	.....	.....	.....	2,200	110	1	.....
Public Utility Commission	Whitby.	Hydro	.....	.....	.....	60	.....	.....	550/220	110	11	551
Woodville Hydro-Electric Dept	Woodville	Hydro	.....	.....	.....	60	.....	.....	220	110/220	3	76
Benjamin Wheel Co., Ltd.	Yarker.	Water.	.....	40	.....	.....	.....	.....	.....	125	.....	.....
Fort William												
Dryden Electrical Dept.	Dryden.	Turbines.	.....	.....	.....	60	.....	.....	600	550	4	146
Dryden Pulp & Paper Co. Ltd.	Dryden.	.....	.....	2,000	.....	60	.....	.....	600	110	.....	.....
Langstaff, Schurg & Co	Enid.	Steam	.....	75	.....	.....	.....	.....	110	110	.....	.....
Ontario & Minnesota Power Co.	Fort Frances.	Water.	.....	6,000	.....	60	.....	.....	6,600	.....	.....	.....
Municipality of Fort Frances.	Fort Frances.	Water.	.....	6,800	.....	60	.....	.....	6,600	220	8	410
Municipality of Tps. of McIrvine.	Fort Frances.	.....	.....	6,600	.....	.....	.....	.....	2,200	110	.....	12
Kaministiquia Power Co., Ltd.	Fort William.	Water.	.....	25,000	.....	60	.....	.....	3,600/	22,000/600	.....	.....
Electric Light Dept. of the City of Fort William												
Corporation of Town of Kenora.	Kenora.	Water	.....	3,296	.....	.....	.....	.....	.....	220/550	49	4,598
Harry C. McMahon.	Mine Centre.	Oil	.....	6	.....	.....	.....	.....	2,400	2,200/110	14	625
Public Utilities Commission.	Port Arthur.	Water.	.....	1,925	.....	60	.....	.....	60 80	50	.....	2
Rainy River Corporation Electric Light Dept.	Rainy River	Steam	.....	300	.....	60	.....	.....	2,200/550	22,000/110	21	3,333
Hamilton												
Municipality of Acton	Acton	Hydro.	.....	.....	.....	.....	.....	.....	.....	110	9	275
Ayr Hydro System.	Ayr.	Hydro.	.....	.....	.....	25	.....	.....	220	110	2	126
Police Village of Baden.	Baden	Hydro.	.....	.....	.....	25	.....	.....	550	110	5	77
Hamilton Cataract Pr., Lt. & Traction Co., Ltd.	Beamsville.	Water	.....	46,200	.....	66	.....	.....	2,400	220	7	316
Tp. of Brantford Hydro-Electric System.	Brantford.	Hydro.	.....	.....	.....	25	.....	.....	4,000	110/220	.....	400
Western Counties Electric Co., Ltd.	Brantford.	Water.	.....	4,000	.....	66	.....	.....	2,200	110	122	1,945
Brantford Hydro-Electric System	Brantford.	Hydro.	.....	4,000	.....	25	.....	.....	550/220	110/220	39	3,295
Burford Hydro Power Commission	Burford	Hydro.	.....	.....	.....	25	.....	.....	220	110	.....	131
Hamilton Cataract Pr., Lt. & Traction Co., Ltd.	Burlington.	Water.	.....	46,200	.....	66	.....	.....	2,400	220	20	753
Caledonia Hydro-Electric System.	Caledonia.	Hydro.	.....	55	.....	25	.....	.....	550/220	110	7	80
Delhi La. and Power Co., Ltd	Delhi.	Water	.....	195	.....	60	.....	.....	2,300	2,200/110	7	119
Public Utilities Commission	Dundas.	Hydro.	.....	.....	.....	25	.....	.....	13,200	220/550	41	1,042

APPENDIX K.

List of Electric Light and Power Companies Registered under the Provisions of the Electricity Inspection Act.

District and Company.	Address.	Prime Mover.		Phases of System.	Frequency of System.	Generator Voltage.	Service Voltages.		Number of Meters.	
		Type.	Horse Power.				Power.	Lighting.	Power.	Lighting.
Hamilton Con.										
Dundas Electric Co., Ltd.	Dundas.	Water	.....	3	66	2,400	220	112	5	90
Dunnville Hydro-Electric System.	Dunnville.	Hydro.	600	3	25	2,200	550	110/220	9	260
Elmira Public Utilities Com.	Elmira	Hydro.	.....	3	25	..	550	110/220	11	235
Public Utilities Commission	Galt.	Hydro.	2,400	3	25	13,200	550	110/220	83	2,871
Hamilton Cataract Pr., Lt. & Traction Co., Ltd	Grimsby.	Water	46,200	3	66	2,400	220	112	25	575
Hagersville Hydro-Electric System	Hagersville	Hydro.	.....	3	25	.....	2,200/220	110	5	210
Hydro Electric Dept.	Georgetown.	Hydro.	500	3	25	..	220/550	110	25	495
Hydro-Electric Com. of City of Hamilton	Hamilton	Hydro.	17,500	3	25	13,000	2,200/220	220/110	550	17,150
Electric Pr. & Manufacturing Co., Ltd.	Hamilton	Water	.....	3	66	2,400	.....	112	.....	10
Hamilton Elec. Lt. & Power Co., Ltd.	Hamilton	Water	.....	3	66	2,400	220/110	112	60	4,480
Hamilton Cataract Pr., Lt. & Traction Co., Ltd.	Hamilton	Water	46,200	3	66	2,400	2,400/220	112	425	60
Hespeler Municipal Hydro-Electric Com.	Hespeler.	Hydro.	.....	3	25	6,600	220/550	110	30	400
Kitchener Light Commissioners	Kitchener	Hydro.	.....	3	25	13,200	550	110	155	3,466
Lynden Hydro-Electric System.	Lynden.	Water	.....	3	25	.....	220	110	1	40
Public Utilities Commission	Merriton.	Hydro.	35	3	25	..	550/110	110	1	478
New Hamburg Electric Dept.	New Hamburg	Hydro.	300	3	25	15,000	220/2,200	110	8	280
Corporation of Town of Niagara	Niagara Falls	Hydro.	.....	3	25	12,200	2,200, 220	110	..	377
Canadian Niagara Power Co.	Niagara Falls.	Water	100,000	3	25	11,000	220/11,000	110	60	435
Hydro-Electric System.	Niagara Falls.	Hydro.	.....	3	25	2,200	110	.....	61	2,880
The Ontario Power Co. of Niagara Falls.	Niagara Falls	Turbines	160,000	3	25	12,000	12,000/	.....	21	..
Oakville Water & Light Commission	Oakville	Hydro.	.....	2	66	2,200	60,000	110/220	14	704
Paris Hydro-Elec. & Water Com.	Paris	Hydro.	800	3	25	2,200 110	2,200	110	7	790
Hydro-Elec. Lt. Com. of Port Dalhousie	Port Dalhousie.	Hydro.	.....	3	25	.....	550/2,200	110	11	366
Preston Light & Water Commission	Preston.	Hydro.	1,340	3	25	2,200	220/550	110	37	1,061
Public Utilities Commission	St. Catharines	Hydro.	.....	3	25	.....	110/550	110/220	55	3,414
Grantham Tp. Hydro-Electric System.	St. Catharines	Hydro.	.....	3	25	.....	110/220	110/220	.....	151
Lincoln Electric Lt. & Pr. Company	St. Catharines	Purchased	.....	3	66	.....	220	110	120	1,000
St. George Hydro-Electric System	St. George	Hydro.	.....	..	..	..	550	110	4	91
Hydro-Electric System.	Simcoe.	Hydro.	.....	3	25	26,000	220/550	110	16	224
Municipal Lt. & Pr. Plant	Smithville	Purchased	.....	3	66	2,200	220	110	5	110
Stamford Hydro-Electric System.	Stamford	Hydro.	.....	3	25	12,000	2,200	110/220	7	250
Corporation of Town of Thorold	Thorold	Water	220	1	60	2,200	120	634
Toronto Power Company.	Toronto	Water.	125,000	3	25	12,000	12,000/	22	..
							90,000

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Waterdown Hydro-Electric System.	Waterdown	Hydro.				25			220	110	4	145
Waterford Hydro-Electric System.	Waterford	Hydro.				25		1,400	550	110	6	168
Waterloo Water & Light Com.	Waterloo					25		13,200/ 2,200	550	110/220	62	902
Welland Electric Company.	Welland	Purchased				66			220	110	3	945
Wellesley Lt. & Pr. Commission.	Wellesley	Hydro				25			550	110	3	90
London												
Rock Glen Power Company.	Arkona	Turbine		60		60		2,290	2,200/220	110	1	67
Aylmer Public Utilities Commission.	Aylmer	Hydro							550/200	110/220	4	500
Beachville Hydro-Electric System.	Beachville	Hydro				25		2,200	550	110	3	60
Blenheim Hydro-Electric System.	Blenheim	Hydro.							110/550	110/220	10	315
Corporation of Village of Blyth.	Blyth.			45		133				110		92
Bothwell Hydro-Electric System	Bothwell	Hydro						2,200	550	110/220	4	140
Cargill, Limited.	Cargill	Turbine		96				240/120	220	110		
Thuel, Robt. J.	Brussels							220	220	220	2	140
Chatham Gas Co., Limited.	Chatham	Gas & Steam		1,970		60		2,300/600	110/440	110/220	53	1,957
Town of Chesley, R. T. Kidd	Chesley	Water.		4,000		60		22,000	220	110	12	300
Clinton Public Utilities Com.	Clinton	Hydro		600		25		26,400	550	110		335
Comber Hydro Electric.	Comber	Hydro								110/220		76
Delaware Police Village	Delaware	Hydro		100		25		13,200		110		37
Hydro-Electric System	Dorchester.	Hydro				25			2,200		1	89
Dresden Hydro-Electric System	Dresden	Hydro							220/550	110	4	310
Drumbo Hydro Electric Com.	Drumbo	Hydro.									1	60
Dutton Hydro-Electric Com.	Dutton	Hydro.							550	110	3	192
Elmwood Hydro Electric System.	Elmwood	Hydro				60		2,200	220	115	1	48
Embro Hydro-Electric System	Embro	Hydro						13,000	110/550	110	4	96
Exeter Hydro Electric System	Exeter	Hydro		150		25		4,400	550	110/220	3	278
Public Utilities Commission.	Forest	Hydro				25		26,400	110/550	110	8	368
Glencoe Electric Light Plant.	Glencoe	Gas		96		60		2,300		110		95
The town of Goderich	Goderich	Hydro		1,000		25		2,200	550	110	75	713
Hensall Hydro-Electric System	Hensall	Hydro							550	110	4	126
Ingersoll Water, Lt. & Sewer Com.	Ingersoll					25		13,000/ 2,200	2,200/220	110/220	46	903
Kincairdine Waterworks & Elec. Lt. Co												
Municipality of Lambeth.	Kincairdine.	Turbine		250		60		2,200		110		260
Hydro-Elec. Pr. Com. of Ontario	Lambeth	Hydro.				25		2,300	550	110	1	79
Public Utilities Commission.	Leamington	Hydro.				25		26,000	220/110	110/220	80	2,000
Greene, Swift, Limited	Listowel.	Hydro.		375		25		4,400	550	220/110	13	390
Public Utilities Commission	London	Steam		100				125/500	550	110		6
Helena Costume Company	London.	Steam							2,200/220	110	510	11,962
Hydro Commission	London	Hydro		675				250/125	250	125		50
James McHardy.	Lucan	Gas		50						110	9	160
Mildmay Electric Light Co., Ltd.	Merlin							110				8
Public Utilities Commission	Mildmay	Hydro		200				2,300		110		74
R. A. Root	Mitchell					60		1,100	550	110	16	300
Norwich Electrical Dept.	Mt. Bridges					25		2,200	550	110	1	83
Paisley Electric Light Co.	Norwich								2,200/220	110	8	296
Hydro-Electric Commission.	Paisley	Water		135		133		2,200	110	110		24
Petrolia Hydro-Elec. Com	Palmerston	Hydro				25			550	110	2	256
	Petrolia	Hydro.				25			550/220	110	45	450

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APPENDIX K.

List of Electric Light and Power Companies Registered under the Provisions of the Electricity Inspection Act - Continued.

District and Company.	Address.	Prime Mover.		Phases of System	Pre- quency of System.	Generator Voltage.	Service Voltages.		Number of Meters.		
		Type.	Horse Power.				Power.	Lighting.	Power.	Lighting.	
<i>London - Con.</i>											
Hydro Commission	Plattsville	Hydro.	.....	.....	.....	.....	550	110	2	80
Hydro Electric Department	Port Stanley	Hydro.	.....	3	25	.....	110/220	110	1	187
Public Utilities Commission	Ridgetown	Hydro.	300	1	25	.....	550/220	110/220	6	330
Rodney Hydro-Electric System	Rodney	Hydro.	.....	.....	.....	.....	550	110/220	2	110
Hydro-Electric Com. of St. Thomas	St. Thomas	Hydro.	.....	.....	25	13,200	550	110	112	3,214
Sarnia Hydro-Electric Commission	Sarnia	Hydro.	1,000	3	25	550	370/550	110	62	2,825	
Seaforth Water, Light & Sewer Co.	Seaforth	Hydro.	.....	.....	.....	.....	110/2,200	110	14	413
Public Utilities Commission	Strathroy	Hydro.	300	.....	.....	13,200	550	110	12	523
Public Utility Commission	Stratford	Hydro.	3,500	.....	.....	2,200	220/550	110/220	113	3,100
Tavistock Hydro Electric System	Tavistock	Hydro.	275	.....	25	26,400	575	110/220	3	170
Corporation of Teeswater	Teeswater	Water	35	1	133	1,100	.....	110	.....	105
Village of Thamesville	Thamesville	Hydro.	.....	.....	.....	.....	550	110	.....	200
Thamesford Hydro-Elec. System	Thamesford	Hydro	.....	.....	.....	4,400	220/550	110	4	93
Geo. Coultas & Son	Thedford	Steam	90	1	133	1,100	.....	110	.....	73
Tillsonburg Hydro-Elec. Com.	Tillsonburg	Hydro	450	.....	.....	13,200	550	110	22	588
Hydro-Elec. Power Co.	Tillbury	Hydro	.....	.....	.....	.....	220/550	110	5	211
Saugeen Elec. Light & Power Co., Ltd. .	Walkerton	Water	400	2	60	6,600	550, 220	110	2	500	
Walkerton Elec. Light & Power Co.	Walkerton	Water	.....	3	60	2,300	220	110	9	275
Walkerville Hydro-Elec. System	Walkerville	Hydro	.....	3	25	.....	4,000/	4,000/	67	2,200
Wallaceburg Hydro-Elec. System.	Wallaceburg	Hydro.	.....	.....	25	4,400	220/550	110/220	19	684
Watford Hydro-Elec. System.	Watford	Hydro.	50	.....	.....	26,400	550/220	110	4	176
Hydro-Electric Department	Westborne	Hydro.	.....	3	25	2,300	220/110	110/100	2	119
Marven White,	Wheatley,	Gas	92 & 16	DC.	.....	125	.....	125	.....	.....
Sauble Falls Light & Power Co.	Winton	Water	220	3	60	6,600	220	110	.....	132
Sandwich, Windsor & Amherstburg Ry	Windsor .....	.....	750	2 & 3	60	2,300	220	110	110	2,460
Corporation of Wingham	Wingham	Water & Steam	400	3	60	2,300	550	110	10	480	
Woodstock Water & Light System	Woodstock	Hydro.	1,200	3	60	2,200	220/550	110	40	1,800	
Wroxeter Electric Light Plant	Wroxeter .....	.....	50	.....	.....	100/103	1,000	105	.....	51
<i>Ottawa -</i>											
Joseph Chatriand	Alfred .....	.....	20	.....	.....	110	110	110	.....	.....
Municipal Corporation of Alexandria ..	Alexandria .....	.....	200	2	.....	.....	.....	110	.....	125
Almonte Electric Light Commission ..	Almonte .....	.....	300	.....	.....	2,200	550	115	5	422
Galetta Elec. Power & Milling Co., Ltd. .	Arnprior	Water	1,400	3	60	2,300	110/2,200	110	4	366	
Albert MacLaren	Buckingham	Turbine	550	2	60	2,300	110	110	.....	.....
Village of Cobden	Cobden	Water	135	3	60	2,300	2,200	110	1	75	
Catalagie Light & Power Co.	Catalagie	Water	2,500	3	60	6,600	220/550	110/220	1	36	

H. Brown & Sons.....	Carleton Place.....	Water.....	125/600	3	60	2,200	110/2,200	108	3	607
J. N. Coupal	Casselman ...	Water.....	.....	3	60	2,300	440	110	.....	8
Chesterville Hydro-Electric System.....	Chesterville.....	Hydro.....	.....	.....	.....	.....	220/110	110	3	142
James Wilson.....	Campbell's Bay.....	Water.....	90	3	.....	2,400	.....	110	.....	44
St. Lawrence Power Co., Ltd.	Cornwall	Water.....	1,400	3	60	2,200	11,000/550	110	8	175
Stormont Elec. Light & Power Co., Ltd.	Cornwall	Water.....	125	3	60	2,300	220/550	110	.....	1,000
John McRae	Eganville.....	Water.....	225	3	.....	110	.....	110	.....	10
F. T. Cross.....	Farm Point.....	Water.....	170	3	60	4,400	4,400	110	.....	.....
Gatineau Pt. Elec. Light & Water Dept.	Gatineau Point	Purchased	45	.....	60	.....	2,200	104	1	15
Hawkesbury Elec. Light & Power Co.	Hawkesbury.....	Water.....	6,000	3	60	10,000/17,000	575/110	110	2	83
Hull Electric Company	Hull.....	Water.....	980	2 & 3	60	2,200	230/550	115	63	2,451
Ottawa and Hull Power & Mfg. Co., Ltd.	Hull.....	Water.....	12,000	2 & 3	60	2,300/11,000	.....	.....	.....	.....
Estate M. F. Beach.....	Iroquois.....	.....	250	3	60	2,300	2,200	.....	1	.....
Corporation of Iroquois	Iroquois.....	Turbine.....	150	3	60	2,200	550	110	.....	.....
Maniwaki Electric Co.....	Maniwaki.....	Turbine.....	265	3	.....	2,300	220	110	5	2
Morrisburg Light & Power Co.....	Morrisburg.....	Water.....	250	.....	.....	.....	.....	.....	.....	.....
Laurentian Water & Power Co.	Mont Laurier .....	.....	.....	.....	60	2,400	550/220	110	.....	43
Ottawa Hydro Electric Com.....	Ottawa.....	Water.....	.....	.....	60	11,000	400/550	110	202	10,235
Ottawa Electric Company	Ottawa.....	Steam & Water.....	17,000	2	60	2,300	214/428/550	107	433	17,526
Ottawa Power Co.....	Ottawa.....	Water.....	4,000	2	60	2,200/220	220	220	1	.....
W. H. Edwards	Pakenham.....	Water.....	100	1	133	1,000	.....	110	.....	.....
Papineauville Electric Company.....	Papineauville	Water.....	350	3	60	2,300	550	110	.....	4
Pembroke Electric Light Co., Ltd.....	Pembroke.....	Water.....	3,600	.....	.....	2,500	220	110	4	850
Perth Hydro-Electric System.....	Perth.....	Water.....	375	3	60	2,200	550/220	110	8	414
Municipal Light & Power Dept.....	Renfrew.....	.....	1,350	2	60	2,200	2,200/220	110	1	850
Smith Falls Hydro-Electric System.....	Smith's Falls.....	Water.....	700	3	60	2,200	220/550	110/220	22	1,170
Vankleek Hill Electric Co., Ltd	Vankleek Hill	Purchased .....	.....	.....	.....	.....	550/2,200	115	.....	40
Williamsburg Hydro-Electric System.....	Williamsburg.....	Hydro.....	.....	.....	.....	.....	110/220	110	2	46
Winchester Hydro-Electric System..	Winchester.....	Water.....	.....	.....	.....	.....	220	110	2	214
J. N. Coupal.....	Crysler.....	Water & Steam.....	90	2	.....	2,300	.....	110	.....	.....
Sudbury—										
Fred Deagle.....	Blind River.....	Water.....	300	3	60	2,400	110/220	110	.....	.....
Northern Ontario Lt. & Pr. Co., Ltd....	Cache Bay.....	Turbine.....	2,600	3	60	2,200	11/220	110	.....	60
Chapleau Water Lt. & Pr. Co.....	Chapleau	Water.....	400	3	60	2,300	2,300	110	1	349
Northern Ontario Lt. & Pr. Co., Ltd....	Charlton.....	Water.....	540	.....	60	2,200	220	110	4	75
Northern Ontario Lt. & Pr. Co., Ltd....	Cobalt.....	Water.....	.....	3	60	11,000/2,400	110/220	110	50	1,450
Northern Ontario Lt. & Pr. Co., Ltd ..	Cochrane.....	Gas.....	400	3	60	2,200	220	110	24	328
Hydro Electric Pr. Commission	Collanders	Hydro.....	.....	.....	.....	2,200	550/220	220/110	.....	105
The International Nickel Co.....	Copper Cliff.....	Turbine.....	20,600	3	25	2,400	2,200/125	110	49	.....
Elk Lake Power Company.....	Elk Lake.....	Turbine.....	350	3	60	550	.....	110	.....	16
Northern Ontario Lt. & Pr. Co.....	Englehart	Water.....	540	3	60	2,300	2,200/110	110	6	160
The Spanish River Pulp & Paper Mills, Ltd....	Espanola.....	Water.....	1,650	3	60	2,200	2,200/550	110/220	.....	4
Northern Ontario Lt. & Pr. Co., Ltd....	Haileybury.....	Water.....	.....	3	60	11,000	220	110	15	825
Abitibi Power & Paper Co., Limited.....	Iroquois Falls.....	Water.....	1,500	.....	.....	600	600	115/120	.....	94

APPENDIX K.

List of Electric Light and Power Companies Registered under the Province of the Electricity Inspection Act.—Continued.

District and Company.	Address.	Prime Mover.		Phases of System.	Fre- quency System.	Generator Voltage.	Service Voltages.		Number of Meters.		
		Type.	Horse Power.				Power.	Lighting.	Power.	Lighting.	
Sudbury Con.											
Corporation of the town of Little Current	Little Current	Steam	.....	2	.....	2,300	.....	2,300	.....	130	.....
Mattawa Electric Lt. & Pr. Co., Ltd.	Mattawa	Water	250	3	60	2,200	220	110	.....	10	.....
Northern Ontario Lt. & Pr. Co., Ltd.	New Liskeard	Water	.....	3	60	11,000	220	110	12	425	.....
Hydro Electric Power Commission	Nipissing	Purchased	.....	.....	.....	2,200	220	110	.....	5	.....
Hydro Electric Power Commission	North Bay	Turbine	1,200	3	60	2,200	550/220	220/110	20	2,500	.....
Hydro Electric Power Commission	Powassan	Purchased	.....	.....	.....	2,200	550/220	220/110	2	104	.....
Great Lakes Power Company, Ltd.	Sault Ste. Marie	Water	21,550	3	60 & 25	2,300/500	.....	.....	7	5	.....
Water & Light Department	Sault Ste. Marie	Water	.....	3	60	2,200	220	110	88	3,931	.....
Moose Mountain, Limited	Sellwood	Steam	1,300	3	60	600	600	110	8	22	.....
Northern Ontario Lt. & Pr. Co., Ltd.	South Porcupine	Water	20,000	3	25	12,000	220/2,200	110	10	223	.....
Northern Ontario Lt. & Pr. Co., Ltd.	Sturgeon Falls	Turbine	2,600	3	60	2,200	110/2,200	110	1	341	.....
Corporation of town of Sudbury	Sudbury	Purchased	.....	2	60	2,300	220	110	5	1,745	.....
Sudbury Flour Mills, Limited	Sudbury	Turbine	1,333	.....	60	2,300	2,300	110	.....	.....	.....
Wahnapiatae Power Co., Ltd.	Sudbury	Water	9,451	3	60	2,300	15,000/33,000	110	.....	.....	.....
Northern Ontario Lt. & Pr. Co., Ltd.	Timmins	Water	20,000	3	25	12,000	220/2,200	110	38	1,088	.....
Northern Canada Pr. Co., Ltd.	Timmins	Water	5,000	3	25	12,000	12,000	.....	.....	.....	.....
Northern Canada Pr. Co., Ltd.	Timmins	Water	14,900	3	25	12,000	12,000	.....	10	.....	.....
Town of Thessalon	Thessalon	Steam	80	1	125	1,040	110	110	1	189	.....
Toronto											
Public Utility Com. of Alliston	Alliston	Hydro	.....	3	60	.....	550/220	110	4	272	.....
Cataract Elec. Co., Ltd.	Alton	Water	.....	.....	.....	.....	220	110	.....	26	.....
Hydro Electric Commission	Arthur	Hydro	.....	3	60	.....	220	110	23	115	.....
Town of Aurora	Aurora	Purchased	.....	.....	.....	4,200	550	110/220	110	400	.....
Wenger Milling Company	Ayton	Water	10	DC	.....	125	2	125	.....	2	.....
Barrie Electric Light Dept.	Barrie	Hydro	.....	.....	.....	.....	2,200/110	110	20	1,244	.....
Corporation of Beeton	Beeton	Hydro	.....	.....	60	26,400	550	110	2	84	.....
Bolton Hydro Commission	Bolton	Hydro	.....	.....	60	2,200	550/220	110	11	123	.....
Corporation of town of Bracebridge	Bracebridge	Water	1,850	2	60	2,200	110/2,200	110	.....	120	.....
Local Commission of Bradford	Bradford	Hydro	.....	3	60	.....	.....	110/220	.....	56	.....
Brampton Hydro Commission	Brampton	Hydro	1,200	.....	25	13,000	550	110	23	900	.....
Knight Bros. Company, Limited	Burks Falls	Turbine	225	.....	125	1,100	110	.....	.....	24	.....
Cataract Electric Co., Limited	Cataract	Water	400	3	60	6,600/	220	110	.....	.....	.....
G. W. Collins	Chatsworth	Purchased	.....	3	60	2,200	440	110	1	67	.....
Corporation of Coldwater	Coldwater	Hydro	110	.....	60	2,200	550	110	3	115	.....

Company	Location	Capacity (H.P.)	Year	Value (\$)	Notes
Geo. Clendenan	Clarkburg	3	20	2,300	
Town of Collingwood	Collingwood	3	50	2,200	
Hydro Electric System	Cookstown		1	220	
Hydro Electric System	Cooksville	3	11	550/220	
J. R. Lawrence (Reeve)	Greenmore	60	4	220	
Corporation of Dundalk	Dundalk	60	4	220	
E. Elvidge	Durham		1	22,000/	
Drayton Hydro Electric Com.	Drayton	3	1	2,200	
Village of Elmvale	Elmvale	60	3	2,200	
Hydro Electric Com. of Flora	Flora	3	3	13,200/	
Cataract Electric Co., Ltd.	Erin			4,000	
Hydro Electric Department	Fergus	3			
Village of Flesherton	Flesherton	60	1	220	
Grand Valley Hydro System	Grand Valley	3	1	110/220	
Gravenhurst Elec. Lt. & Water Com.	Gravenhurst	60	10	2,200/110	
Board of Light & Heat Com.	Guelph	2 & 3	87	550	
Hanover Hydro Commission	Hanover	3	6	550/220	
Hydro Electric Commission	Harrison	3	4	550	
Corporation of Holstein	Holstein	3	1	220	
Public Utilities Commission	Huntsville	3	2	220/650	
Etobicoke Twp. Hydro Power System	Ishington	3	6	220/550	
Hydro Corporation of Markdale	Markdale	3	7	220	
Corporation of Markham	Markham	2		1,140	
Georgian Bay M. & P. Co. Ltd	Meaford	3	2	2,300/110	
Midland Water & Light Com.	Midland	3	43	1,055	
Public Utilities Commission	Mimico	3	8	110/220	
Albert Dike	Mount Albert	DC		250	
Mt. Forest Water & Light Com.	Mount Forest	3	6	220	
Police Village of Moorefield	Moorefield	25	2	220	
Hydro Electric Com. of Neustadt	Neustadt	3		220	
Town of New Market	Newmarket		7	550	
New Toronto Hydro Commission	New Toronto	3	12	110	
Cataract Electric Co. Ltd	Orangeville			110	
Corporation of Orangeville	Orangeville		6	220	
Orillia Water Light & P. Co.	Orillia	3	4	550/220	
Public Utilities Commission	Owen Sound	3	97	1,895	
Corporation of Town of Parry Sound	Parry Sound	3	14	110/220	
Penetanguishene Light Water Com.	Penetanguishene	3	14		
Hydro Electric Power Com.	Port Credit	3	3	550/220	
Municipality of Richmond Hill	Richmond Hill	3	8	110/115	
Police Village of Rockwood	Rockwood		4	110	
Shelburne Hydro Electric Co.	Shelburne	3	5	220	
South River Electric Co.	South River	3		4,000	
Stayner Hydro Electric Pr. & Lt. Com.	Stayner	3		4,400	
Stouffville Electric Light Plant	Stouffville	1	4	1,100	
E. Van Sockel	Streetsville	3		2,200	
Hydro Electric Pr. Com. of Ont.	Streetsville	3	3	3,800	

APPENDIX K.

LIST of Electric Light and Power Companies Registered under the Provisions of the Electricity Inspection Act—Continued.

District and Company.	Address.	Prime Mover.		Phases of System.	Frequency of System.	Generator Voltage.	Service Voltage.		Number of Meters		
		Type.	Horse Power.				Power.	Lighting.	Power.	Lighting.	
Toronto—Con											
A. J. Lowick & Son	Sutton West.	Water	50	DC.		220		220			
Corporation of Thornbury	Thornbury	Water	75	1	125	1,040		104			166
Police Village of Thornton	Thornton.		33		60	4,000	220	110			33
Township of Scarborough	Toronto.	Hydro					220	110			229
Canada Veiling Co. Ltd.	Toronto	Hydro					550	120	2	2	2
Toronto Electric Commissioners	Toronto	Hydro					550 4,000	150/230	2,235		51,363
Kent Investments Limited.	Toronto	Purchased						110			45
The Monarch Supply Co.	Toronto.		300	DC.		250	230	110/220	18		43
Toronto Electric Light Co.	Toronto	Purchased	21,000	3 & 1	25 & 60	12,500	12,000	110	6,350		21,563
Toronto Suburban Railway Co.	Toronto	Water		3	25	2,200	220/550	110	28		1,250
Toronto & York Radial Railway	Toronto.	Hydro.		3	25	12,000	550/4100	110/220	20		276
Toronto Power Company	Toronto.	Water	125,000	3	25	12,000	12,000/90,000		22		
Corporation of Tottenham	Tottenham	Hydro				2,640		110			150
Village of Victoria Harbour	Victoria Harbour.	Water		1	60	22,000		110			105
Township of Tay	Waubaushe		66		60	2,200	220	110	1		85
Weston Water Pr. & Lt. Com.	Weston						550	115	12		700
Woodbridge Hydro-Elec. Com. (Twp. Vaughan)	Woodbridge		300	3	25	13,200/4,000	550	110/220	6		43
Woodbridge Hydro-Elec. Com. (Twp. Woodbridge)	Woodbridge		300	3	25	13,200/4,000	550	110/220	5		108
Montreal, Que.—											
Beauharnois Electric Co. Ltd	Beauharnois.	Purchased	1,200	3	60	2,200/6,600	220/550	110	33		628
Bennett Limited	Chamblly Canton	Purchased		2	63	2,100	2,100/110	110	10		300
Corporation of Dorval	Dorval.	Purchased	150	3	60	2,200	220	110	2		200
Town of Greenwood Park	Greenwood Park.	Purchased		3	60	2,200	220/110	110			135
Hemmingford Lt. Ht. & Pr. Co	Hemmingford.	Water	80	3		2,200	112	112			48
James Gordon Dunn	Huntingdon.	Water	250	3	60	6,600	550	110			90
The City of Lachine	Jacques-Cartier.	Purchased		3	60		550	110	50		2,494
Lachute Electric Light Co.	Lachute.			2		2,200		110			38
Corporation of Laprairie	Laprairie	Purchased	50	3	60	2,300	550	110	4		168
Vaudreuil Electric Co., Ltd	Montreal.	Purchased		3	60	6,600	550	110	6		322
Laval Electric Company	Montreal.	Purchased	1,500	3	30/60	20,000/13,200	2,200/110	110	60		1,500
Canadian Lt. & Power Company	Montreal	Water	28,800	3	60	2,200		110			45

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Montreal Lt., Ht. & Pr. Consolidated.	Montreal.....	Water	245,050	3 & 2	60/2,200/ 6,600	110/66,000	110/220	1,985	99,896
Montreal Public Service Corporation ..	Montreal.	Purchased .....	.....	3	60/13,200/ 2,200	550/220	110	300	12,400
Town of Pointe Claire	Pointe Claire.. ..	Purchased	207	3	.....	550/220	110	7	430
Village of Ste. Agathe des Monts	Ste. Agathe Monts	Water.....	500	3	.....	.....	110	4	330
Corporation of Ste. Anne de Bellevue ..	Ste. Anne de Bellevue	Purchased	228	3	.....	2,200/110	110	5	330
Pierrefond's Electric Co. of Ste. Genevieve.....	Ste. Genevieve ..	Purchased .....	.....	3	2,300	220	110	1	76
Village of Saint Jerome	Saint Jerome.....	Water	540	3	6,600	2,200	110	6	800
Mde. Jos. Vanehestung	St. Jovite.	Water.....	100	1	1,200	.....	110	.....	.....
Corporation of Town of St. Lambert ..	St. Lambert	Purchased .....	.....	3	2,200	550/110	110	8	792
Valleyfield Electric Lt. Co	Valleyfield.	Water	135	3	2,300	550/220	110	27	376
The City of Verdun.	Verdun.....	Steam	600	3	2,400	110/2,200	110	14	3,702
Westmount Lt. & Pr. Department ..	Westmount.	Steam	1,250	3	2,300	650	110	.....	3,066
Quebec									
The Electric Company of Anqui.	Anqui.	Water	250	3	2,200	550	110	.....	115
Bay St. Paul Electric Lt. & Pr. Co.....	Bay St. Paul.	Water	350	2	104/2,000	.....	104	.....	.....
The Pulp Company of Chicoutimi.	Chandler	Water	4,300	3	600	600	110/2,200	10	172
The Society of Lighting & Electrical Energy	Chicoutimi.....	Water	2,400	3	2,200	550/110	110	1	30
The Hydraulique Company of Portneuf	Deschambault ..	.....	625	3	60/6,600/ 25,000	550/2,200	110	.....	.....
The Donnacona Paper Co., Ltd.	Donnacona.....	Water.....	1,250	3	550	550	110	3	2
The Town of Fraserville	Fraserville. ....	.....	.....	2	2,400	110	110	.....	775
The South River Electric Co., Ltd ..	St. Andrews, East	Water	385	3	60	550	110	7	158
The Town of Jonquiere	Jonquiere. ....	.....	500	3	2,300	2,300/500	110	3	20
Nain Falls Power & Pulp Co., Ltd.....	La Malbaie .....	.....	4,800	3	4,400	220	110	33	13
Canadian Electric Light Co	Levis.....	Water	301	3	10,500	110/2,200	110	70	2,069
Eugene Cote.....	L'Isle Verte .....	.....	.....	3	2,250	.....	110	.....	23
Rouleau Limitee.....	Mont Joli .....	.....	250	3	2,200	.....	110	.....	116
Basin Electric Light & Pr. Co	Montmagny	Water .....	.....	3	2,300	110	105	1	350
The Syndicate of Lake Temiscouata ..	Notre Dame du Lac	Oil.	10	.....	125	.....	110	.....	.....
Chas. A. Julien Co., Ltd.	Pont Rouge. ....	.....	67	3	2,300	550	110	.....	35
Public Service Corporation of Quebec ..	Quebec.....	Turbine	3,500	3	2,400	550/110	220/110	500	5,800
The Quebec Ry., Light, Heat & Pr. Co.	Quebec.....	Turbine	9,000	2 & 3	64/2,000/ 5,500	2,200/220	104	334	11,159
Le Credit Municipal Canadien Rimouski	Rimouski	Water	650	2	2,200	220/550	110	.....	54
Dellors & Veilleux	St. Anselme .....	.....	.....	2	2,200	.....	110	.....	.....
Hector Pichet.....	St. Basile. ....	.....	500	.....	1,000	.....	80	.....	28
Electric Energy of St. Come Company.	St. Come.....	.....	.....	.....	.....	.....	6,600/110	.....	1
Hydraulic Company of St. Felicien ..	St. Felicien .....	.....	250	3	2,200	2,200	116	.....	.....
Thomas Lessard	St. Georges. ....	.....	350	2	6,600	220	110	3	4
Municipality of Town of St. Raymond	St. Raymond.. ..	Turbine	100	3	1,100	550	110	.....	29
Roy Company, Limited.....	St. Ulric.	Turbine	40	3	2,200	110	110	.....	13
Beauce Electric & Power Co	Sherbrooke.....	.....	150	.....	15,000	110/550	110	7	279
The Electric Company of Trois Pistoles.	Trois Pistoles ..	Oil	50	3	2,200	.....	110	.....	50
The Town of Terrebonne	Terrebonne.. ..	Purchased .....	.....	3	2,000/110	110	110	3	450

APPENDIX K.

List of Electric Light and Power Companies Registered under the Provisions of the Electricity Inspection Act. — *Continued.*

District and Company.	Address.	Prime Mover.		Phases of System.	Frequency of System.	Generator Voltage.	Service Voltages.		Number of Motors.	
		Type.	Horse Power.				Power.	Lighting.	Power.	Lighting.
<i>Sherbrooke —</i>										
Southern Canada Power Co., Ltd.	Ayers Cliff.	Sub-station.	150	3	60	2,300	550	110	3	91
Southern Canada Power Co., Ltd.	Bromptonville.	Sub-station.	50	3	60	2,300	550	110	1	134
Southern Canada Power Co., Ltd.	Boche.	Sub-station.	1,000	3	60	2,300	550	110	7	64
Southern Canada Power Co., Ltd.	Capleton.	Sub-station.	600	3	60	2,300	550	110	...	22
Municipality of Town of Coaticook.	Coaticook.	Hydraulic.	650	.....	.....	2,200	2,200/220	110	16	550
Southern Canada Power Co., Ltd.	Compton.	Sub-station.	200	3	60	2,300	550	110	.....	30
Westbury Electric Lt. & Pr. Co.	Cookshire.	Water.	500	3	60	3,000	550	110	2	500
Shipton Electric Lt. & Pr. Co.	Danville.	Water.	150/210	1	60	2,080/	...	110	.....	133
J. B. Parker.	Dixville. ....	.....	40	DC.	.....	2,300	...	110	.....	1
Southern Canada Power Co., Ltd.	Eastus.	Substation.	450	3	60	2,300	550	110	.....	20
Southern Canada Power Co., Ltd.	Foster.	Substation.	150	3	60	2,300	550	110	.....	36
Southern Canada Power Co., Ltd.	Granby.	Substation.	1,500	3	60	2,300	550	110	9	670
Southern Canada Power Co., Ltd.	Hatley.	Substation.	150	3	60	2,300	550	110	.....	19
Southern Canada Power Co., Ltd.	Knowlton.	Substation.	150	3	60	2,300	550	110	1	119
Southern Canada Power Co., Ltd.	Kingsbury.	Substation.	200	3	60	2,300	550	110	.....	21
Southern Canada Power Co., Ltd.	Lanouxville.	Substation.	300	3	60	2,300	550	110	12	316
Corporation of Town of Magog.	Magog.	Water.	1,800	2	60	2,400	2,200	108	.....	...
Southern Canada Power Co., Ltd.	Massawippi.	Substation.	150	3	60	2,300	550	110	1	14
Corporation of Town of Megantic.	Megantic.	Gas.	150	3	60	2,000	...	110	.....	...
Southern Canada Power Co., Ltd.	Melbourne.	Substation.	200	3	60	2,300	550	110	.....	81
Southern Canada Power Co., Ltd.	New Rockland.	Substation.	200	3	60	2,300	550	110	.....	4
Southern Canada Power Co., Ltd.	North Hatley.	Substation.	100	3	60	2,300	550	110	5	125
Southern Canada Power Co., Ltd.	Richmond.	Substation.	200	3	60	2,300	550	110	3	407
W. M. Pike & Son.	Rock Island.	Water.	33	DC.	.....	110	110	110	.....	...
Southern Canada Power Co., Ltd.	Rock Island.	Substation.	450	3	60	2,300	550	110	5	162
A. G. Hurd.	Sawyerville.	Turbine.	85	1	125	2,080	...	110	1	54
Scotstown Electric Light Co.	Scotstown.	Turbine.	203	3	60	2,200	...	110	.....	...
City of Sherbrooke (Weedon Plant).	Sherbrooke.	Water.	1,300	.....	60	200	200	110	2	300
City of Sherbrooke (Rock Forest Plant).	Sherbrooke.	Water.	1,300	.....	60	600	600	110	5	2,000
City of Sherbrooke (Frontenac St. Plant)	Sherbrooke.	Water.	3,900	.....	60	200	200	110	20	2,000
Southern Canada Power Co., Ltd.	Sherbrooke.	Water.	450	3	60	2,300	550	110	7	...
Southern Canada Power Co., Ltd.	Stannstead.	Substation.	1,000	3	60	2,300	550	110	3	61
Vernmont and Quebec Pr. Corporation.	Thetford Mines.	Water & Steam.	500	3	60	2,300	600	110	3	26
Electric Company of Thetford Mines.	Thetford Mines.	Purchased.	3,000	3	.....	2,200	110 550	110	.....	175
Saint Francis Water Power Company.	Waterloo.	Water.	200	3	60	2,400	15,600	110	4	40
Southern Canada Power Co., Ltd.	Waterloo.	Substation.	200	3	60	2,300	550	110	2	223

Southern Canada Power Co., Ltd.....	Waterville.....	Substat on	200			3	60	2,300	550	110	2	65
Southern Canada Power Co., Ltd.....	Way Mills	Substation	150			3	60	2,300	550	110	3	15
O. E. Dorais.....	Weedon and Fontainebleau.....	Purchased	550						2,200	110	1	48
Southern Canada Power Co., Ltd.	West Sheffield	Substation.....	50			3	60	2,300	220	110	2	55
<i>St. Hyacinthe.</i>												
Southern Canada Power Co., Ltd.....	Acton Vale.....	Substation.....	100			3	60	2,300	550	110		58
Bedford Light Company, Ltd.....	Bedford.....	Water & Steam.....	100&150			1	133	1,000		110		45
Southern Canada Power Co., Ltd.....	Belœil.....	Substation.....	300			3	60	2,300	550	110		
The Town of Belœil	Belœil.....	Purchased	40			3	60	2,200	550	110	5	
Southern Canada Power Co., Ltd.....	Cowansville.....	Substation	200			3	60	2,300	550	110	2	248
Southern Canada Power Co., Ltd.....	Drummondville.....	Substation	6,600			3	60	2,300	550	110	5	122
The Town of Farnham	Farnham.....	Water & Steam.....	900			3	60	2,300	550	110		469
Southern Canada Power Co., Ltd.....	Iberville.....	Substat on.....	1,500			3	60	2,300	550	110	7	480
The Electric Company of Nicolet ..	Nicolet.....	Water.....							110 220	110	6	264
The Town of Marieville.....	Marieville.....	Purchased				3	60			110		170
St. Maurice Light & Power Co	Pierreville							12,000	220/110	110		170
Southern Canada Power Co., Ltd.	Providence.....	Substation.....	1,500			3	60	2,300	550	110		83
Southern Canada Power Co., Ltd.....	St. Antoine	Substation	1,500			3	60	2,300	550	110		106
Southern Canada Power Co., Ltd.....	St. Cyprien	Substation	6,600			3	60	2,300	550	110	1	18
A. W. Dufresne	St. Césaire	Water	150			2	60	2,200	110	110	2	45
Southern Canada Power Co., Ltd.....	St. Germain	Substation	100			3	60	2,300	550	110		10
Southern Canada Power Co., Ltd.....	St. Hilaire.....	Substation.....	300			3	60	2,300	550	110		35
The Town of St. Hilaire.....	St. Hilaire	Purchased	15					2,200		110		9
Southern Canada Power Co., Ltd.	St. Hughes.....	Substation	25			1	60	2,300	550	110	1	65
Southern Canada Power Co., Ltd.....	St. Hyacinthe.....	Substation	1,500			3	60	2,300	550	110		54
Southern Canada Power Co., Ltd.....	St. Johns	Substation	1,500			3	60	2,300	550	110	28	1,144
Southern Canada Power Co., Ltd.....	St. Joseph	Substation	1,500			3	60	2,300	550	110	25	886
Southern Canada Power Co., Ltd.....	St. Madeline	Substation	100			3	60	2,300	550	110		50
Southern Canada Power Co., Ltd.....	St. Mathias	Substation	100			1	60	2,300	550	110	1	29
N. Belanger.....	St. Pie.....	Water.....	75			3	60	2,200		110		19
W. Clark, Limited.....	St. Remi.....	Steam.....	165			3	60	2,200		110		22
Southern Canada Power Co., Ltd.....	St. Rosalie.....	Substation.....	1,500			3	60	2,300	220	110	11	112
The Sorel Light and Power Co.....	Sorel.....	Purchased				3	30 & 60		550	110	25	49
M. S. Cornell & Sons.....	Stanbridge.....	Water	31½			DC.			550	110		2,000
Southern Canada Power Co., Ltd.....	Sweetsburg.....	Substation	200			3	60	2,300	550	110		3
The Arthabaska Water and Power Co..	Victoriaville.....	Purchased				3	60		2,200/220	220/100	17	32
												407
<i>Three Rivers, Que.</i>												
The St. Maurice Light & Power Co.....	Berthierville.....	Purchased							220/2,000	110	5	132
Corporation of city of Joliette	Joliette	Steam	200 & 100			2	60	2,000		104		840
The St. Maurice Light & Power Co.	Lanoraie.....	Purchased							110/220	110	2	16
Brown Corporation	La Tuque.....		4,100			3	60	2,300	550	110	50	12
Laval Electric Company.....	Montreal	Purchased	1,200			3		20,000	2,200/110	110	60	1,000
Corporation of Town of St. Gabriel of Brandon, Que	St. Gabriel of Brandon	Purchased	300			3	30	13,200	3,200	110	3	164
The Electric Co. of Laurentides, Ltd....	St. Lin des Laurentides	Water	300			3	60	6,600	550	110		540

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List of Electric Light and Power Companies Registered under the Provisions of the Electricity Inspection Act —Continued.

District and Company.	Address.	Prime Mover.		Phases of System.	Frequency of System.	Generator Voltage.	Service Voltages.		Number of Motors		
		Type.	Horse Power.				Power.	Lighting.	Power.	Lighting.	
<i>Three Rivers—Con.</i>											
St. Maurice Light and Power Co.	Shawinigan Falls, Almaville, La Baie										
	Shawinigan	Water	500	3	60	2,200	2,200/220	110	28	872	
North Shore Power Co.	Three Rivers	Water	1,200	3	60	2,200	550	110	110	2,400	
The Electric Company of Yamachiche	Yamachiche	Water	50,000	3	30	13,200	2,200	110	1	140	
<i>St. John, N.B.</i>											
The Andover-Perth Electric Light Co., Ltd.	Andover & Perth						220	110	3	150	
Maine & New Brunswick Electric Power Co., Ltd.											
Bathurst & Electric Water Pr. Co.	Arroostook Inlet	Water	3,500	3	60	110,000	550	110	1	45	
	Bathurst	Water	1,000	3		6,600	220	110	5	275	
Town of Campbellton	Campbellton	Gas	535	3	60	2,200	110	220	24	625	
C. M. Sherwood, Ltd.	Centreville	Water	160	DC.		2,200		110			
Corporation of Chatham Light Dept.	Chatham	Oil	400	3	60	2,300	220	110	8	475	
King Lumber Co., Ltd.	Chatham	Steam	50	DC.		125	110	110	4	17	
Town of Dalhousie	Dalhousie	Gas	125	3		2,200	220	110	5	170	
The Dorchester Elec. Lt. & Pr. Co.	Dorchester	Steam	75	1		2,300		104		91	
Town of Edmundston	Edmundston	Water	500	1	60	2,200	550	110	3	335	
Maritime Electric Co., Ltd.	Fredericton	Steam	1,200			2,200	220	110	32	1,115	
The Town of Grand Falls	Grand Falls	Sub-station		3	60	110,000	2,200	220	4	145	
A. & R. Loggie Company	Loggieville	Steam	65	DC.		110	110	110			
Canadian Cottons, Ltd.	Marysville	Steam	100		60	2,200	550	110		150	
Moncton Tramways Elec. & Gas Co., Ltd.	Moncton	Steam	900								
The Town of Newcastle, N.B.	Newcastle	Steam	3,215	2	60	1,100	110	550	41	1,987	
Port Elgin Electric Light Plant	Port Elgin	Steam	50	2	60	2,200	220	110		370	
Richibucto & Rexton Elec. Lt. Co.	Richibucto	Water	260	DC.		220	220	220		45	
New Brunswick Power Co.	Rexton	Water	260	3		2,200	220	110	2	91	
The Saint Leonard Electric Co., Ltd.	St. John	Steam	7,000	3	60	2,300	250	550	379	7,225	
St. Stephen Electric Light Co.	St. Leonard	Purchased				110	110	107	4	64	
The Eastern Electric & Development Co., Ltd.	St. Stephen	Water	600	3	60	2,300	220	110	11	425	
	Sackville	Steam	300	3	60	2,300	220	110	4	250	
The Sussex Manufacturing Co., Ltd.	Sussex	Steam	200	2	133	2,000		220		325	
The Shediac Electric Light & Power Co.	Shediac	Turbine	108	3	60	2,200		110	1	96	
Woodstock Electric Ry., Lt. & Pr. Co.	Woodstock	Turbine	500	3	60	2,300	2,300, 110	110	3	600	

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<i>Halifax, N.S.</i>									
Canada Electric Company, Ltd.	Amherst	3,000	60	11,000	2,200/220	110/220	48	1,187
Town of Annapolis Royal	Annapolis Royal	240	.....	66	2,500	.....	104	.....	3
Antigonish Electric Co.	Antigonish	85	DC	.....	115/220	115	115	.....	132
Bear River & Digby Elec. Lt. H'g. Pr. Co.	Bear River	65	3	60	2,200/	.....	110	.....	.....
Sackville River Electric Co., Ltd.	Bedford	.....	.....	.....	2,300	.....	.....	.....	.....
Bridgetown Elec. Lt. & Pr. Co., Ltd.	Bridgetown	175	.....	.....	.....	110	.....	.....	109
The Town of Bridgewater	Bridgewater	316	1	60	2,300	110	110	.....	27
Town of Canso	Canso	95	2	60	2,200	.....	115	.....	.....
Dartmouth Gas, Elec. Lt., H'g., Pr. Co., Ltd.	Dartmouth	.....	3	.....	2,300	.....	110	.....	190
The Town of Dartmouth	Dartmouth	50	.....	.....	.....	550, 220	110	19	1,015
Daley, John	Digby	136	3	60	.....	.....	110	.....	190
Town of Dominion	Dominion	.....	1	25	2,300	.....	110	.....	190
Town of Glace Bay Electric Lt. Plant	Glace Bay	600	2	60	2,200	110	110	.....	193
Nova Scotia Tramway & Pr. Co., Ltd.	Halifax	8,300	3	60	2,300	220/550	110	.....	1,049
The Inverness Ry. & Coal Company	Inverness	75	DC	.....	125	115, 125	110/220	398	7,075
The Town of Kentville	Kentville	120	3	.....	2,300	.....	110	.....	206
Electric Light Commissioners	Lawrencetown	75	3	60	.....	.....	2,200	.....	.....
The Town of Liverpool	Liverpool	750	2	60	2,400	220/550	101/110	.....	.....
The Town of Louisbourg	Louisbourg	.....	.....	.....	250	250	250	.....	7
Louisbourg Gas Co., Limited	Louisbourg	40	3	.....	3,125	.....	104	.....	51
Town of Mahone Water Commissioners	Mahone	80	1	60	2,300	220	110	.....	52
Town of Middleton Elec. Lt. & Pr. Plant	Middleton	250	3	60	2,300	220	110	.....	151
Waterford Public Utilities Com.	New Waterford	.....	1	25	6,000	110/220	110	.....	50
Oxford Electric Lt. & Pr. Co., Ltd.	Oxford	400	3	60	2,200	110	110	.....	38
The Town of Parrsboro Elec. Lt. Plant	Parrsboro	140	1 & 2	133	2,500	2,300/220	104	.....	172
Municipal Plant of Pictou	Pictou	450	3	60	2,300	220	110	.....	417
Town of Shelburne	Shelburne	400	3	.....	2,300	220	110	.....	98
Edison Elec. Lt. & Pr. Co. of Springhill	Springhill	500	1 & 2	60	2,300	.....	110	.....	.....
Pictou County Electric Co., Ltd.	Stellarton	1,025	3	60	2,300	110/220/101/108	68	.....	1,903
Stewiacke Electric Light & Power Co.	Stewiacke	.....	3	60	2,300	.....	112	.....	.....
Acadia Coal Company, Ltd.	Stellarton	9,400	3	50	3,150	220	110	.....	33
Sydney Mines Electric Co., Ltd.	Sydney Mines	300	2	60	2,000	2,150/220	110	.....	15
Cape Breton Electric Co., Ltd.	Sydney	2,745	2	60	2,300	2,300	220	.....	649
The Truro Electric Light Com.	Truro	545	DC	.....	125	220	2,500	101	3,184
The Windsor Elec. Lt. & Pr. Co., Ltd.	Windsor	285	2 & 3	.....	1,100	110/220	125	34	887
Acadia Electric Light Co.	Wolfville	125/45	3	60	2,300	.....	110	.....	425
Yarmouth Light & Power Co., Ltd.	Yarmouth	400	3	60	2,200	220	110	45	228
.....	.....	.....	.....	.....	.....	.....	.....	.....	630
<i>Charlottetown, P.E.I.</i>									
Leard Light & Power Co.	Alberton	39	3	60	2,200	220	110	.....	65
Chas. Murray Elec. Lt. Co.	Bradabane	13	DC	.....	110	.....	110	.....	.....
Maritime Electric Co., Ltd.	Charlottetown	1,000	3	60	2,200	220/110	110	65	1,516
Geo. E. Leard & Son	Craband	20	2	60	2,200	110	110	30
Kensington Electric Lt. Co., Ltd.	Kensington	45	3	60	2,300	110	110	83

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List of Electric Light and Power Companies Registered under the Provisions of the Electricity Inspection Act. *Continued.*

District and Company.	Address.	Prime Mover.		Phases of System.	Frequency of System.	Generator Voltage.	Service Voltages.		Number of Meters.		
		Type.	Horse Power.				Power.	Lighting.	Power.	Lighting.	
<i>Charlottetown, P.E.I.—Con</i>											
Montague Electric Co., Ltd.	Montague	Water	80	3	60	2,200	110/550	110	3	163	
The Sun Electric Co., Limited.	Summerside.	Gas & Steam.	300	2	133	1,200		110		374	
C. W. Ives	North Tryon.	Water.	15	1	133	1,100		110		20	
<i>Winnipeg, Man</i>											
Town of Beauséjour	Beauséjour.	Purchased				130,000	550	210	1	54	
Corporation of Boissevain	Boissevain	Steam	100	2	60	2,200		110		130	
Canada Gas & Elec. Corporation	Brandon.	Water	3,500	3	60	2,300	2,300	120	80	1,979	
Town of Carberry.	Carberry.	Steam	100	2	60	2,300		115		164	
Town of Dauphin Elec. Lt. Dept.	Dauphin.	Steam	537	2		2,200	220	110	35	700	
Corporation of Town of Gladston	Gladston	Steam.	150	3	60	600	600	110	124		
D. & S. Paterson	Kenton.	Oil	8	DC		125		125		5	
Corporation of Town of Killarney.	Killarney.	Steam	100	3	60	2,300		110	1	135	
Corporation of Town of Melita.	Melita.	Purchased		DC		130	110	110		108	
Minnedosa Power Company	Minnedosa.	Water		3	60	2,400	110	110		216	
Town of Morden	Morden.	Steam.	150	1		1,100		100		190	
Town of Neepawa.	Neepawa.	Steam	200	3	70	2,300	220	115	15	335	
City Electric Department	Portage la Prairie	Steam	900	3	60	2,300	220/550	110	25	762	
Town of Rapid City.	Rapid City.	Gas	50	3	60	2,300	220	110		86	
Municipality of Pilestown.	Roston	Gasoline.	40				150	115		100	
Russell Electric Light Dept	Russell.	Gas.	75	3	60	2,200	110	110	1	128	
Town of Selkirk.	Selkirk.					2,200	220	110	10	651	
Village of Shoal Lake.	Shoal Lake.	Oil.	55	DC		250	220	110	4	110	
The Town of Souris	Souris	Gas	282	DC		225	200	110	4	201	
Corporation of Town of The Pas	The Pas	Oil	240	3	60	2,300	220	110	3	272	
Woomman, C	Picheone	Steam	115	DC		110		110			
City Light and Power Dept	Winnipeg	Water	17,000	3	60	6,000	550	110	1,008	36,488	
Winnipeg Electric Ry. Co.	Winnipeg	Water & Steam	35,000	3	60	2,300	2,300/500	230/115	1,554	15,632	
<i>Regina, Sask</i>											
Town of Assiniboia	Assiniboia	Oil	50	3	60	2,300	220	110		107	
Arcoia Light and Power Co	Arcoia	Oil	44	1	60	1,100		110/220		93	
Town of Battleford.	Battleford	Purchased		3	60	2,300	220	115	10	265	
Caddy, David E.	Borden	Oil.	20	DC		110	110	110		3	
The Town of Broadview	Broadview	Gas.	75	3	60	2,200		110		121	
C. Grisdale, as Drummond, W. G.											
Morrison and A. J. Docker	Palestines	Gas	7 to 22½	1		110		110		5	

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Ladder Lake Lumber Co., Ltd	Big River	Steam	1,375	3	60	550	550	110/220
The Town of Canora	Canora	Oil	96	3	60	2,300	220	110	1	140
The Town of Carlyle	Carlyle	Steam	52	3	.....	2,300	.....	110	.....	75
The Town of Davidson	Davidson	Gas	110	3	60	2,200	220	110	.....	110
Eastend Garage (Crawford & Jones)	Eastend	Oil	25	.....	.....	125	.....	125	.....	12
Corporation of Estevan	Estevan	Steam	350	3	60	2,200	200	100	8	374
Village of Earl Grey	Earl Grey	Gas	15	DC	.....	115	115	115	.....	35
Ft. Qu'Appelle Power Co	Ft. Qu'Appelle	Oil	25	3	60	2,200	220	110	1	42
Town of Grenfell	Grenfell	Gas	64	3	60	2,200	.....	110	.....	150
Corporation of Giovan	Giovan	Oil	20	DC	.....	115	.....	110	.....	76
Joseph Hutchinson	Gull Lake	Gas	64	3	60	2,300	220	115	.....	160
Heintzick Martin Klassen	Herbert	Gas	64	3	60	2,300	115	115	1	160
The Town of Humboldt	Humboldt	Steam	250	3	60	2,300	220,500	110	6	294
James H. Warren	Hafford	Oil	25	.....	.....	115	.....	115	.....	1
Corporation of Indian Head	Indian Head	Steam	225	3	60	2,200	208	104	.....	245
Town of Kamsack	Kamsack	Oil	200	3	60	2,200	220	110	1	216
Town of Kindersley	Kindersley	Steam	135	3	60	2,200	220	110	1	208
The Town of Langham	Langham	Gas	50	3	60	2,250	.....	110	.....	80
W. Johnson & Son	Lloydminster	Gas	100	DC	.....	220	220	220	.....	112
Lashburn Electric Co	Lashburn	Oil	25	.....	.....	110	.....	110	.....	42
Town of Lumsden	Lumsden	Oil	25	3	60	2,200	.....	110	.....	78
Leader Light and Power Co	Leader	Oil	25 & 37½	3	5	120	.....	120	.....	30
W. A. Perkins	Lang	Oil	10/15	.....	.....	110	.....	110	.....	35
Maple Creek Lt. Pr. & Milling Co., Ltd.	Maple Creek	Steam	100	3	60	2,200	.....	110	.....	179
Town of Melfort	Melfort	Oil	150	3	60	2,200	220	110	1	225
Arthur Townsend	Milestone	Oil	25	DC	.....	115	.....	115	.....	3
City of Moose Jaw, Electric Dept.	Moose Jaw	Steam	4,000	3	60	2,300	220 400	110	157	4,112
Town of Morse	Morse	Gas	68	3	60	2,300	110	110	1	87
W. E. Hastings	Maidstone	Oil	15	DC	.....	110	.....	110	.....	6
Corporation of North Battleford	North Battleford	Steam	1,000	3	60	2,300	220	110	35	700
International Power Co., Inc	North Portal	Purchased	.....	.....	.....	.....	.....	220	.....	32
Town of Outlook	Outlook	Gas	75	3	60	2,200	110	110	.....	190
Town of Oxbow	Oxbow	Oil	25	DC	.....	110	.....	110	.....	70
Alex. T. Thompson	Ponteix	Oil	20	DC	.....	110	110	110	.....	2
Municipal Electric Lt. and Pr. Plant	Prince Albert	.....	.....	.....	.....	.....	.....	.....	.....	.....
Qu'Appelle Electric Light Company	Qu'Appelle	Steam	1,520	3	60	2,200	110,550	110/220	45	1,335
Raymore Electric Light Co.	Raymore	Gas	90	.....	.....	220	226	220	.....	80
Radisson Iron Works	Radisson	Oil	6	1	.....	120	.....	110	.....	10
Rosetown Electric Lt. and Pr. Co. Ltd	Radisson	.....	.....	DC	.....	115	115	115	1	58
Town of Rouleau	Rosetown	Oil	75	3	.....	2,200	110	110	.....	86
Town of Rosthern	Rouleau	Gas	172	3	60	2,300	.....	110	.....	150
City of Regina	Rosthern	Oil	80	3	60	2,300	.....	110	.....	151
McCallum Hill Building Ltd	Regina	Steam	10,910	3	60	2,200	110, 2,200	110/220	383	5,896
Town of Saltcoats	Regina	.....	83-36	.....	.....	220	220	110	1	53
Corporation of Saskatoon	Saltcoats	Gas	50	.....	.....	2,200	110	110	.....	95
Town of Scott	Saskatoon	Steam	8,000	2	60	2,300	220	110	456	5,684
Strasbourg Municipal Power Pt	Scott	Oil	100	3	60	2,200	220	110	.....	60
City of Swift Current	Strasbourg	Gas	45	3	60	2,300	.....	110	.....	108
Julius Grassing	Swift Current	Gas & Oil	900	3	60	2,200/	220	110	124	904
	Star City	Steam	30 & 10	4,200	110

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Last of Electric Light and Power Companies Registered under the Provisions of the Electricity Inspection Act. *Continued.*

District and Company.	Address.	Prime Mover		Phases of System	Frequency of System	Generator Voltage.	Service Voltages.		Number of Motors.	
		Type.	Horse Power.				Power.	Lighting.	Power.	Lighting.
<i>Regina, Saskatchewan.</i>										
Carrot River Valley Mills, Ltd.	Pisdale	Steam	100	3	...	550	35	15	3	70
J. W. Roughle & Son	Tompkins	Steam	25	...	...	115	...	115	...	8
Municipal Light & Power Co.	Walsley	Gas & Oil	250	3	60	2,300	110	110	2	170
Municipal Light Plant	Wadena	Gas	65	3	...	2,300	110	...	...	90
City of Weyburn	Weyburn	Steam	500	3	60	2,200	220	110	4	735
H. R. Clouston	Wilcox	Gas	90	DC	...	11	115	115	...	...
Town of Wilkie	Wilkie	Oil	100	3	...	2,200	220	110	2	100
H. A. Green	Watson	Oil	10	DC	...	125	120	120	...	...
Town of Yellow Grass	Yellow Grass	Oil	25	DC	...	110	115	110	...	58
Town of Yorkton	Yorkton	Oil	150 350 500	3	60	2,200	550	110	4	464
<i>Calgary, Alberta.</i>										
Bankhead Mines, Ltd.	Bankhead	Steam	500	3	60	2,200	110 2,200	110	...	372
West Canadian Collieries, Ltd.	Bellevue	Steam	735	3	60	2,200	220	110	...	33
Town of Blainmore	Blainmore	Purchased.	...	...	...	...	110	110	3	300
West Canadian Collieries, Ltd.	Blainmore	Steam	150	3	60	2,300	220	110	6	10
Calgary Water Power Co., Ltd.	Calgary	Water & Steam	2,875	3	60	2,200	210	105	40	1,650
Weno Power & Light Company	Calgary	Purchased	...	...	...	...	...	110	3	3
The United Elec. & Engineering Co.	Calgary	Gas	90	3	60	2,300	220	110 220	1	135
Bowness Improvement Co.	Calgary	Gas	350	3	60	2,700	220	110	3	9
City of Calgary Elec. Light Dept.	Calgary	Steam	17,300	3	60	2,300	220/2,200	110 220	732	14,287
Municipality of Cardston	Cardston	Steam	100	2	...	2,200	...	110	...	216
Town of Camungay	Camungay	Steam	75	...	...	210	...	120	...	65
Town of Claresholm	Claresholm	Gas	110	3	60	2,200	500	110	...	170
International Coal & Coke Co., Ltd.	Coleman	Steam	100	3	60	2,200	2,200/2500	250	...	...
Town of Coronation	Coronation	Steam	120	3	60	2,300	...	110	...	144
Town of Didsbury	Didsbury	Steam	100	3	60	2,200	220	110	1	135
Drumheller Power Co., Ltd.	Drumheller	Steam	680	...	...	2,300	220	110	...	...
Town of Gleichen	Gleichen	Steam	75	DC	...	115/120	...	110/115	...	...
A. Landstrom	Hanna	Steam	100	3	...	22,000	...	110	...	116
Town of High River	High River	Steam	160	3	60	2,300	...	110	...	270
Town of Innisfail	Innisfail	Steam	100	3	60	2,200	...	110	...	147
City of Lethbridge	Lethbridge	Steam	1,680	2	60	2,200	2,200/110	220/110	104	2,399
<i>Municipality of Town of Macleod</i>										
Crane, Cassidy Company	Macleod	Steam	600	3	60	2,300	220	110	6	124
City of Medicine Hat	Magrath	Steam	100	3	60	2,200	...	110/220	...	161
	Medicine Hat	Steam	4,000	...	60	2,300	2,300/220	110	90	1,100

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Town of Nanton.....	Nanton.....	Gas.....	75	3	60	2,200	110	115
Town of Okotoks	Okotoks.....	Gas.....	50	3	60	2,300	110/220	35
Belton & Graves.....	Olds.....	Gas.....	50	3	60	2,300	2,200/220	110/220	.....	150
Municipality of Pincher Creek.....	Pincher Creek.....	Steam.....	275	3	60	2,200	.....	110	.....	220
Knight Sugar Company, Limited..	Raymond.....	Steam.....	115	3	60	2,200	110	110	2	200
Calgary Power Company, Ltd.....	Seebe.....	Water.....	31,500	3	.....	12,000	12,000/	110	.....	.....
Canada West Coal Co., Ltd.....	Taber.....	Steam.....	1-170-1-470	3	60	2,350	55,000	115	2	148
Vulcan Electric Light Service.....	Vulcan.....	Steam.....	75	3	60	2,300	.....	110	.....	121
<i>Edmonton, Alberta.</i>										
Town of Camrose.....	Camrose.....	Steam.....	255	.....	.....	2,350	220	110	19	373
The Alliance Power Co., Ltd.....	Edmonton.....	Steam.....	15,000	2	60	2,300	.....	110/220	423	11,895
City of Edmonton.....	Edmonton.....	Steam.....	15,000	3	60	2,200	220	110	.....	150
Town of Fort Saskatchewan.....	Fort Saskatchewan.....	Steam.....	90	2	60	2,200	.....	220	.....	45
Hardisty Electric Light Co.....	Hardisty.....	Gas & Oil.....	50 & 12	DC.	.....	440/220	.....	220	.....	236
The Municipality of Lacombe.....	Lacombe.....	Steam.....	155	3	60	2,300	220	110	.....	1
Mountain Park Coal Co., Ltd.....	Mountain Park.....	Steam.....	300	DC.	.....	250	250	250	.....	18
Brazeau Collieries, Ltd.....	Nordegg.....	Steam.....	250	2/3	60	2,300	220/440	110	1	.....
Jasper Park Collieries, Ltd.....	Pocahontas.....	Steam.....	240	3	60	480	440/2,400	110	.....	.....
Town of Ponoka.....	Ponoka.....	Steam.....	250	3	60	2,200	.....	110	.....	140
Western General Electric Co., Ltd.....	Red Deer.....	Steam.....	480	3	60	2,300	220	110	15	437
Town of Stettler.....	Stettler.....	Steam.....	200	3	60	2,300	220	110	10	250
Corporation of Vegreville.....	Vegreville.....	Steam.....	210	3	60	2,200	110/220	110	9	219
Town of Vermilion.....	Vermilion.....	Steam.....	75	3	60	2,200	220	110	239	239
City of Wetaskiwin.....	Wetaskiwin.....	Steam & Gas.....	750	2	60	2,300	220	110	410	392
<i>Vancouver, B.C.—</i>										
City of Armstrong.....	Armstrong.....	Steam & Oil.....	125 & 200	3	60	2,200	230	110	6	200
Granby Consolidated Mining, Smelting and Power Co., Ltd.....	Anyox.....	Water & Steam.....	12,600	3	60	2,200	2,200/220	110	49	225
Ashcroft Water Elec. & Imp. Co.....	Ashcroft.....	Oil.....	100	3	60	2,300	110/220	110	.....	88
Britannia Mining & Smelting Co., Ltd..	Britannia Beach.....	Water.....	11,250	2	60	6,600	220	110	.....	174
Adams River Lumber Co., Ltd..	Chase.....	Steam.....	75	1	125	1,100	.....	110	.....	50
Clayburn Company, Ltd.....	Clayburn.....	Purchased.....	.....	.....	.....	.....	.....	110	.....	19
Crow's Nest Pass Elec. Lt. & Pr. Co.....	Coal Creek.....	Steam.....	275	.....	.....	220	.....	220	.....	.....
Cranbrook Elec. Light Co., Ltd.....	Cranbrook.....	Steam.....	500	2	60	2,200	220	110	12	600
Okanagan Saw Mills, Ltd.....	Enderley.....	Steam.....	110	1	.....	2,200	.....	110	.....	124
Corporation of City of Fernie.....	Fernie.....	Steam.....	250	2	60	2,200	220	110	17	620
Can. Western Lumber Co., Ltd.....	Fraser Mills.....	Steam.....	2,000/1,000	3	60	480	440	480/220	35	.....
Golden Light Pr. & Water Co., Ltd.....	Golden.....	Steam.....	60 & 90	3	60	2,200	110	110	.....	5
Corporation of City of Grand Forks.....	Grand Forks.....	Purchased.....	.....	.....	.....	2,200	2,200	110	11	375
Greenwood City Waterworks Co.....	Greenwood.....	Water.....	125	3	60	4,400	4,400	110	.....	.....
Hedley Gold Mining Co., Ltd.....	Hedley.....	Water.....	1,600	3	60	2,200/	2,200/440	110	2
Sumas Elec. Light Company.....	Huntingdon.....	Purchased.....	6,600	220	110	2

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List of Electric Light and Power Companies Registered under the Provisions of the Electricity Inspection Act—Continued.

District and Company.	Address.	Prime Mover.		Phases of Systems.	Frequency of System.	Generator Voltage.	Service Voltages.		Number of Meters.	
		Type.	Horse Power.				Power.	Lighting.	Power.	Lighting.
<i>Vancouver, B.C.—Con.</i>										
Corporation of City of Kamloops.....	Kamloops.....	Water & Steam.	1,000/ 1,000	3	60	2,200	2,200/110	110	30	1,200
Corporation of City of Kaslo.....	Kaslo.....	Water.....	250	2	60	1,100	1,100/220	115	.....	2
Corporation of City of Kelowna.....	Kelowna.....	Steam.....	620	3	60	2,300	220	110	43	546
Corporation of City of Merritt.....	Merritt.....	Steam.....	200	3	60	2,200	220	110	1	280
Crow's Nest Pass Elec. Lt. & Pr. Co., Ltd.	Michel.....	Steam.....	400	.....	.....	200	.....	200	.....	.....
Mission Water Light & Power Co., Ltd.	Mission City.....	Water.....	50	3	.....	250	.....	110	.....	55
Corporation of City of Nelson.....	Nelson.....	Water.....	2,700	3	60	12,000	220/2,200	110/220	31	1,117
Denver Light & Power Co., Ltd.	New Denver.....	Water.....	55	3	60	2,300	.....	110	.....	5
Corporation of City of New Westminster	New Westminster.....	Purchased.....	.....	3	60	2,300	.....	110	.....	3,415
Corporation of District of Pentiction.....	Pentiction.....	Oil.....	200	3	60	4,600	220/110	110	2	508
Phoenix Elec. Lt. Co., Limited.....	Phoenix.....	Purchased.....	.....	.....	.....	.....	250	110	1	15
Powell River Company, Limited.....	Powell River.....	Water.....	9,600	3	50	600	600	110/220	.....	25
City of Prince George Power Plant.....	Prince George.....	Oil.....	2-150	3	60	2,300	.....	115	.....	210
Corporation of City of Prince Rupert..	Prince Rupert.....	Water..	1,650	3	60	4,400	220/440	110	66	1,066
Princeton Coal & Land Co. (Elec. Syndicate)	Princeton.....	Steam.....	80	3	60	2,200	.....	110	.....	18
Corporation of City of Revelstoke	Revelstoke	Water.....	.....	3	60	2,300	2,200	2,200	23	751
Cascade Water Pr. & Lt. Co., Ltd.....	Rossland.....	Water.....	1,000	3	60	2,000	20,000	110	.....	4
Okanagan Water Power Co., Ltd.....	Rossland.....	Plant	not yet	installed.	.....	.....	110	110	.....	92
Rossland Water & Light Co., Ltd.....	Rossland.....	Purchased.....	.....	.....	.....	.....	.....	.....	.....	.....
South Kootenay Water Pr. Co., Ltd.....	Rossland.....	Purchased.....	.....	.....	.....	.....	60,000/	.....	39	.....
West Kootenay Pr. & Lt. Co., Ltd.....	Rossland.....	Water.....	28,000	3	60	2,500	22,000	110	.....	.....
Corporation of City of Salmon Arm	Salmon Arm.....	Oil.....	150	3	60	2,200	110	110	1	121
Sandon Water Works & Light Co., Ltd.	Sandon.....	Water.....	175	DC.	.....	125	.....	110	.....	.....
Spence's Bridge Elec. Lt. & Pr. Co., Ltd.	Spence's Bridge.....	Steam.....	900	3	60	2,300	.....	110	.....	.....
Corporation of District of Summerland..	Summerland.....	Water.....	50	2	60	2,200	220	110	1	191
B.C. Electric Ry. Co., Ltd.....	Vancouver.....	Steam.....	18,000	3	60	2,200	220/2,200	110	1,885	43,318
Vancouver Power Company, Ltd.....	Vancouver.....	Water.....	64,200	3	60	2,200	.....	.....	.....	.....
Western Power Co. of Canada, Ltd.....	Vancouver.....	Water.....	39,000	3	60	4,400	60,000/220	115	.....	1,561
Corporation of Vernon.....	Vernon.....	Oil.....	200 & 525	3	60	2,300	220/110	110	25	750
<i>Victoria, B.C.</i>										
Corporation of City of Alberni.....	Alberni.....	Purchased.....	60	200	110	73
City of Courtenay.....	Courtenay.....	Purchased.....	1	13,000/ 2,300	110	110	18	132

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Canadian Collieries, Limited.....	Cumberland.....	Water.....	10,000	3	25	13,200	2,200/440	110	2	156
Cumberland Elec. Lighting Co., Ltd.....	Cumberland.....	Purchased.....	.....	.....	.....	.....	220/110	115	9	698
City of Duncan.....	Duncan.....	Oil.....	2-100	3	60	2,200	220/110	110	3	185
Corporation of Ladysmith.....	Ladysmith.....	Steam.....	160	3	60	2,200	.....	110	.....	480
Nanaimo Elec. Lt., Pr. & Heating Co., Ltd.....	Nanaimo.....	Water & Steam.....	900	3	60	2,300	110/220	110	14	1,920
Corporation of City of Port Alberni.....	Port Alberni.....	Oil.....	150	3	60	2,300	220	110	.....	1,150
Canadian Explosives, Ltd.....	Sidney.....	Purchased.....	.....	.....	.....	.....	.....	110	.....	51
Vancouver Portland Cement Co., Ltd.....	Tod Inlet.....	Purchased.....	.....	.....	.....	.....	220	110	.....	15
The Uplands, Limited.....	Victoria.....	Purchased.....	.....	.....	.....	.....	550/220	110	4	17
J. A. Sayward.....	Victoria.....	Purchased.....	.....	.....	.....	.....	.....	110	6	14
Victoria Electric Company.....	Victoria.....	Purchased.....	.....	.....	.....	.....	.....	110	.....	23
Vancouver Island Power Co., Ltd. (Brentwood).....	Victoria.....	Steam.....	6,000	3	60	2,300	.....	.....	.....	.....
Vancouver Island Pr. Co., Ltd. (Jordon River).....	Victoria.....	Water.....	25,500	3	60	2,300	.....	.....	.....	.....
British Columbia Electric Railway Co., Ltd.....	Victoria.....	Water.....	2,300	3	60	700	2,200/500	100	416	13,892
Pemberton Building.....	Victoria.....	Purchased.....	.....	.....	.....	.....	500	110	1	3

